

SPECIFICATIONS

IMPREZA

SPECIFICATIONS

1. Impreza

A: DIMENSIONS

Model			Sedan	Wagon	OUTBACK	STi
Overall length			mm (in) 4,415 (173.8)			
Overall width			mm (in) 1,740 (68.4)	1,695 (66.7)	1,710 (67.3)	1,740 (68.1)
Overall height (at C.W.)			mm (in) 1,440 (56.7)	1,485 (58.5)	1,495 (58.9)	1,430 (56.3)
Compartment	Length	mm (in)	1,890 (74.4)	1,845 (72.6)		1,890 (74.4)
	Width	mm (in)	1,380 (54.3)			
	Height	mm (in)	1,180 (46.5), 1,125 (44.3)*2	1,200 (47.2), 1,150 (45.3)*2	1,200 (47.2), 1,150 (45.3)*2	1,180 (46.5)
Wheelbase			mm (in)	2,525 (99.4)		2,540 (100.0)
Tread	Front	mm (in)	1,485 (58.5)	1,465 (57.7)	1,460 (57.5)	1,490 (58.7)
	Rear	mm (in)	1,475 (58.1), 1,480 (58.3)*1	1,455 (57.3)	1,455 (57.3)	1,485 (58.5)
Minimum road clearance			mm (in)	150 (5.9), 155 (6.1)*1	150 (5.9), 155 (6.1)*1	160 (6.3)
					145 (5.7)	

*1: WRX
*2: With sun roof

B: ENGINE

Model		Turbo 2.0 L	2.5 L	STi
Engine type		Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine		
Valve arrangement		Overhead camshaft type		
Bore × Stroke	mm (in)	92 × 75 (3.62 × 2.95)	99.5 × 79 (3.92 × 3.11)	
Displacement	cm ³ (cu in)	1,994 (121.67)	2,457 (149.9)	
Compression ratio		8.0±0.2	10.0±0.2	8.2±0.2
Firing order		1 — 3 — 2 — 4		
Idle speed at Park/Neutral position	rpm	750±100	MT: 650±100 AT: 700±100	700±100
Maximum output	kW (HP)/rpm	169 (227)/6,000	123 (165)/5,600	224 (300)/6,000
Maximum torque	N·m (kgf-m, ft-lb)/rpm	294 (30.0, 217)/4,000	226 (23.0, 166)/4,000	407 (41.5, 300)/4,000

C: ELECTRICAL

Model		Turbo 2.0 L	2.5 L	STi
Ignition timing at idling BTDC		12° ±10°	MT: 10° ±8° AT: 15° ±8°	17° ±10°
Spark plug	Type and manufacturer	NGK: PFR6G	CHAMPION: RC10YC4 (standard) NGK: BKR5E-11 NGK: BKR6E-11	NGK : IFLR6B
Generator		12 V — 75 A		12 V — 90 A
Battery	Type and capacity (5HR)	MT: 12 V — 48 AH (55D23L) AT: 12 V — 52 AH (65D23L)	MT: 12 V — 48 AH (55D23L) AT: 12 V — 52 AH (75D23L)	12 V — 48 AH (55D23L)

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D: TRANSMISSION

Model			Turbo 2.0 L		2.5 L		STi
Transmission type			5MT	4AT	5MT	4AT	6MT
Clutch type			DSPD	TCC	DSPD	TCC	DSPD
Gear ratio	1st		3.454	2.785	3.454	2.785, 3.027*1	3.636
		2nd	1.947	1.545	2.062	1.545, 1.619*1	2.375
		3rd	1.366	1.000	1.448	1.000	1.761
		4th	0.972	0.694	1.088	0.694	1.346
		5th	0.738	—	0.780	—	0.971
		6th	—	—	—	—	0.756
		Reverse	3.333	2.272	3.333	2.272	3.545
		Dual range	—	—	—	—	—
Reduction gear (Front drive)	1st reduction	Type of gear	—	Helical	—	Helical	—
		Gear ratio	—	1.000	—	1.000	—
	Final reduction	Type of gear	Hypoid	Hypoid	Hypoid	Hypoid	Hypoid
		Gear ratio	3.900	4.111	3.900, 4.111*1	4.111, 4.444*1	3.900
Reduction gear (Rear drive)	Transfer reduction	Type of gear	Helical	—	Helical	—	Helical
		Gear ratio	1.100	—	1.000	—	1.000
	Final reduction	Type of gear	Hypoid	Hypoid	Hypoid	Hypoid	Hypoid
		Gear ratio	3.545	4.111	3.900, 4.111*1	4.111, 4.444*1	3.900

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

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

6MT: 6-forward speeds with synchromesh and 1-reverse

DSPD: Dry Single Plate Diaphragm

TCC: Torque Converter Clutch

*1: Sedan model

E: STEERING

Model			TS	RS, OUTBACK, WRX	STi
Type			Rack and Pinion		
Turns, lock to lock			3.2	3.0	2.7
Minimum turning circle	m (ft)	Curb to curb	10.2 (33.5)	10.8 (35.4)	
		Wall to wall	11.1 (36.3)	11.7 (38.3)	

F: SUSPENSION

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

G: BRAKE

Model	Turbo 2.0 L, 2.5 L	STi
Service brake system	Dual circuit hydraulic with vacuum suspended power unit	
Front	Ventilated disc brake	
Rear	Disc brake	Ventilated disc brake
Parking brake	Mechanical on rear brakes	

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SPECIFICATIONS

H: TIRE

Model	TS	RS, OUTBACK, WRX	STi
Rim size	15 × 6JJ	16 × 6 ¹ / ₂ JJ	17 × 7 ¹ / ₂ JJ
Tire size	P195/60R15 87H	P205/55R16 89V	225/45R17 90W
Type	Steel belted radial, Tubeless		

I: CAPACITY

Model		Turbo 2.0 L		2.5 L		STi
		5MT	4AT	5MT	4AT	6MT
Fuel tank		60 (15.9, 13.2)				
Engine oil	Total capacity	4.5 (4.8, 4.0)		4.0 (4.2, 3.5)		4.5 (4.8, 4.0)
	Engine oil amount for refill	Approx. 4.5 (4.8, 4.0)		Approx. 4.0 (4.2, 3.5)		Approx. 4.5 (4.8, 4.0)
Transmission gear oil		3.5 (3.7, 3.1)	—	3.5 (3.7, 3.1)	—	4.1 (4.3, 3.6)
ATF		—	9.3 (9.8, 8.2)	—	9.3 (9.8, 8.2)	—
Front differential gear oil		—	1.2 (1.3, 1.1)	—	1.2 (1.3, 1.1)	—
Rear differential gear oil		0.8 (0.8, 0.7)				1.0 (1.1, 0.9)
Power steering fluid		0.7 (0.7, 0.6)				
Engine coolant		7.7 (8.1, 6.8)	7.6 (8.0, 6.7)	7.0 (7.4, 6.2)	6.9 (7.3, 6.1)	7.7 (8.1, 6.8)

J: WEIGHT

1. FOR U.S. MODEL

Sedan

Model			2.5 L		Turbo 2.0L		
			RS		WRX		
			5MT	4AT	5MT		
Curb weight (C.W.)	Front	kgf (lb)	778 (1,715)	803 (1,770)	826 (1,820)	832 (1,834)	833 (1,836)
	Rear	kgf (lb)	567 (1,250)	567 (1,250)	573 (1,265)	586 (1,292)	588 (1,297)
	Total	kgf (lb)	1,345 (2,965)	1,370 (3,020)	1,399 (3,085)	1,418 (3,126)	1,421 (3,133)
Gross axle weight (G.A.W.)	Front	kgf (lb)	939 (2,070)	939 (2,070)	998 (2,200)	998 (2,200)	998 (2,200)
	Rear	kgf (lb)	907 (2,000)	907 (2,000)	916 (2,020)	916 (2,020)	916 (2,020)
	Total	kgf (lb)	1,778 (3,920)	1,778 (3,920)	1,837 (4,050)	1,837 (4,050)	1,837 (4,050)
Option	Power window		○	○	○	○	○
	Power door lock		○	○	○	○	○
	Cruise control		○	○	○	○	○
	ABS		○	○	○	○	○
	Air conditioner		○	○	○	○	○
	Cold W package		—	—	—	○	○
	Sun roof		—	—	—	○	○
	Dual airbag		○	○	○	○	○
	Side airbag		—	—	○	○	○
	Rear spoiler		—	—	—	○	○
	Seat in pure hide		—	—	—	—	○
	Front LSD		—	—	—	—	—
	Aluminum wheel	Gold color	—	—	—	—	—
		Silver color	—	—	—	—	—

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SPECIFICATIONS

Model		Turbo 2.0 L			Turbo 2.5 L	
		WRX			STi	
		4AT			6MT	
Curb weight (C.W.)	Front	kgf (lb)	850 (1,875)	857 (1,889)	858 (1,891)	863 (1,903)
	Rear	kgf (lb)	574 (1,265)	586 (1,292)	588 (1,297)	613 (1,351)
	Total	kgf (lb)	1,424 (3,140)	1,443 (3,181)	1,446 (3,188)	1,476 (3,254)
Gross axle weight (G.A.W.)	Front	kgf (lb)	998 (2,200)	998 (2,200)	998 (2,200)	1,030 (2,271)
	Rear	kgf (lb)	916 (2,020)	916 (2,020)	916 (2,020)	920 (2,028)
	Total	kgf (lb)	1,837 (4,050)	1,837 (4,050)	1,837 (4,050)	1,880 (4,145)
Option	Power window		○	○	○	○
	Power door lock		○	○	○	○
	Cruise control		○	○	○	○
	ABS		○	○	○	○
	Air conditioner		○	○	○	○
	Cold W package		—	○	○	—
	Sun roof		—	○	○	—
	Dual airbag		○	○	○	○
	Side airbag		○	○	○	○
	Rear spoiler		—	○	○	—
	Seat in pure hide		—	—	○	—
	Front LSD		—	—	—	○
	Aluminum wheel	Gold color	—	—	—	○
		Silver color	—	—	—	○

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SPECIFICATIONS

Wagon

Model			2.5 L		2.5 L	
			TS		OUTBACK	
			5MT	4AT	5MT	4AT
Curb weight (C.W.)	Front	kgf (lb)	778 (1,715)	801 (1,765)	783 (1,725)	805 (1,775)
	Rear	kgf (lb)	603 (1,330)	605 (1,335)	601 (1,325)	603 (1,330)
	Total	kgf (lb)	1,381 (3,045)	1,406 (3,100)	1,384 (3,050)	1,408 (3,105)
Gross axle weight (G.A.W.)	Front	kgf (lb)	939 (2,070)	939 (2,070)	939 (2,070)	939 (2,070)
	Rear	kgf (lb)	953 (2,100)	953 (2,100)	953 (2,100)	953 (2,100)
	Total	kgf (lb)	1,833 (4,040)	1,833 (4,040)	1,833 (4,040)	1,833 (4,040)
Option	Power window		○	○	○	○
	Power door lock		○	○	○	○
	Cruise control		○	○	○	○
	ABS		○	○	○	○
	Air conditioner		○	○	○	○
	Cold W package		—	—	—	—
	Sun roof		—	—	—	—
	Dual airbag		○	○	○	○
	Side airbag		—	—	—	—
	Rear spoiler		—	—	—	—
	Seat in pure hide		—	—	—	—
	Roof rail		○	○	○	○

Model			Turbo 2.0 L			
			WRX			
			5MT		4AT	
Curb weight (C.W.)	Front	kgf (lb)	826 (1,820)	826 (1,820)	851 (1,875)	851 (1,875)
	Rear	kgf (lb)	610 (1,345)	610 (1,345)	610 (1,345)	610 (1,345)
	Total	kgf (lb)	1,436 (3,165)	1,436 (3,165)	1,461 (3,220)	1,461 (3,220)
Gross axle weight (G.A.W.)	Front	kgf (lb)	998 (2,200)	998 (2,200)	998 (2,200)	998 (2,200)
	Rear	kgf (lb)	953 (2,100)	953 (2,100)	953 (2,100)	953 (2,100)
	Total	kgf (lb)	1,901 (4,190)	1,901 (4,190)	1,901 (4,190)	1,901 (4,190)
Option	Power window		○	○	○	○
	Power door lock		○	○	○	○
	Cruise control		○	○	○	○
	ABS		○	○	○	○
	Air conditioner		○	○	○	○
	Cold W package		—	○	○	—
	Sun roof		—	—	—	—
	Dual airbag		○	○	○	○
	Side airbag		○	○	○	○
	Rear spoiler		—	—	—	—
	Seat in pure hide		—	—	—	—
	Roof rail		○	○	○	○

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2. FOR CANADA MODEL

Sedan

Model			2.5 L		Turbo 2.0 L		
			RS		WRX		
			5MT	4AT	5MT		
Curb weight (C.W.)	Front	kgf (lb)	780 (1,720)	805 (1,775)	825 (1,820)	832 (1,834)	833 (1,836)
	Rear	kgf (lb)	570 (1,256)	570 (1,256)	576 (1,270)	586 (1,292)	588 (1,297)
	Total	kgf (lb)	1,350 (2,976)	1,375 (3,031)	1,401 (3,090)	1,418 (3,126)	1,421 (3,133)
Gross axle weight (G.A.W.)	Front	kgf (lb)	939 (2,070)	939 (2,070)	998 (2,200)	998 (2,200)	998 (2,200)
	Rear	kgf (lb)	907 (2,000)	907 (2,000)	916 (2,020)	916 (2,020)	916 (2,020)
	Total	kgf (lb)	1,778 (3,920)	1,778 (3,920)	1,837 (4,050)	1,837 (4,050)	1,837 (4,050)
Option	Power window		○	○	○	○	○
	Power door lock		○	○	○	○	○
	Cruise control		○	○	○	○	○
	ABS		○	○	○	○	○
	Air conditioner		○	○	○	○	○
	Cold W package		—	—	—	—	—
	Sun roof		—	—	—	○	○
	Dual airbag		○	○	○	○	○
	Side airbag		—	—	○	○	○
	Rear spoiler		○	○	○	○	○
	Seat in pure hide		—	—	—	—	○
	Front LSD		—	—	—	—	—
	Aluminum wheel	Gold color	—	—	—	—	—
		Silver color	—	—	—	—	—

Model			Turbo 2.0 L			Turbo 2.5 L	
			WRX			STi	
			4AT			6MT	
Curb weight (C.W.)	Front	kgf (lb)	851 (1,875)	857 (1,889)	858 (1,891)	866 (1,909)	866 (1,909)
	Rear	kgf (lb)	576 (1,270)	586 (1,292)	588 (1,297)	618 (1,363)	618 (1,363)
	Total	kgf (lb)	1,427 (3,145)	1,443 (3,181)	1,446 (3,188)	1,484 (3,272)	1,484 (3,272)
Gross axle weight (G.A.W.)	Front	kgf (lb)	998 (2,200)	998 (2,200)	998 (2,200)	1,030 (2,271)	1,030 (2,271)
	Rear	kgf (lb)	916 (2,020)	916 (2,020)	916 (2,020)	920 (2,028)	920 (2,028)
	Total	kgf (lb)	1,837 (4,050)	1,837 (4,050)	1,837 (4,050)	1,880 (4,145)	1,880 (4,145)
Option	Power window		○	○	○	○	○
	Power door lock		○	○	○	○	○
	Cruise control		○	○	○	○	○
	ABS		○	○	○	○	○
	Air conditioner		○	○	○	○	○
	Cold W package		—	—	—	—	—
	Sun roof		—	○	○	—	—
	Dual airbag		○	○	○	○	○
	Side airbag		○	○	○	○	○
	Rear spoiler		○	○	○	—	—
	Seat in pure hide		—	—	○	—	—
	Front LSD		—	—	—	○	○
	Aluminum wheel	Gold color	—	—	—	○	—
		Silver color	—	—	—	—	○

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SPECIFICATIONS

Wagon

Model			2.5 L		2.5 L	
			TS		OUTBACK	
			5MT	4AT	5MT	4AT
Curb weight (C.W.)	Front	kgf (lb)	778 (1,715)	801 (1,765)	783 (1,725)	805 (1,775)
	Rear	kgf (lb)	603 (1,330)	605 (1,335)	601 (1,325)	603 (1,330)
	Total	kgf (lb)	1,381 (3,045)	1,406 (3,100)	1,384 (3,050)	1,408 (3,105)
Gross axle weight (G.A.W.)	Front	kgf (lb)	939 (2,070)	939 (2,070)	939 (2,070)	939 (2,070)
	Rear	kgf (lb)	953 (2,100)	953 (2,100)	953 (2,100)	953 (2,100)
	Total	kgf (lb)	1,833 (4,040)	1,833 (4,040)	1,833 (4,040)	1,833 (4,040)
Option	Power window		○	○	○	○
	Power door lock		○	○	○	○
	Cruise control		○	○	○	○
	ABS		○	○	○	○
	Air conditioner		○	○	○	○
	Cold W package		—	—	—	—
	Sun roof		—	—	—	—
	Dual airbag		○	○	○	○
	Side airbag		—	—	—	—
	Rear spoiler		—	—	—	—
	Seat in pure hide		—	—	—	—
	Roof rail		○	○	○	○

Model			Turbo 2.0 L			
			WRX			
			5MT		4AT	
Curb weight (C.W.)	Front	kgf (lb)	826 (1,820)	832 (1,834)	833 (1,836)	851 (1,875)
	Rear	kgf (lb)	610 (1,345)	620 (1,367)	622 (1,372)	610 (1,345)
	Total	kgf (lb)	1,436 (3,165)	1,452 (3,201)	1,455 (3,208)	1,461 (3,220)
Gross axle weight (G.A.W.)	Front	kgf (lb)	998 (2,200)	998 (2,200)	998 (2,200)	998 (2,200)
	Rear	kgf (lb)	953 (2,100)	953 (2,100)	953 (2,100)	953 (2,100)
	Total	kgf (lb)	1,901 (4,190)	1,901 (4,190)	1,901 (4,190)	1,901 (4,190)
Option	Power window		○	○	○	○
	Power door lock		○	○	○	○
	Cruise control		○	○	○	○
	ABS		○	○	○	○
	Air conditioner		○	○	○	○
	Cold W package		—	—	—	—
	Sun roof		—	○	○	—
	Dual airbag		○	○	○	○
	Side airbag		○	○	○	○
	Rear spoiler		—	—	—	—
	Seat in pure hide		—	—	○	—
	Roof rail		○	○	○	○

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