

IMPREZA

SPECIFICATIONS

1. Impreza

A: DIMENSIONS

Model			Sedan	Wagon	OUTBACK
Overall length	mm (in)		4,405 (173.4)		
Overall width	mm (in)		1,730 (68.1)	1,695 (66.7)	1,710 (67.3)
Overall height (at CW)	mm (in)		1,440 (56.7)	1,465 (57.7), 1,485 (58.5)★2	1,475 (58.1), 1,530 (60.2)★3
Compartment	Length	mm (in)	1,890 (74.4)	1,845 (72.6)	
	Width	mm (in)	1,380 (54.3)		
	Height	mm (in)	1,180 (46.5)	1,200 (47.2)	1,200 (47.2)
Wheelbase	mm (in)	2,525 (99.4)			
Tread	Front	mm (in)	1,485 (58.5)	1,465 (57.7)	1,460 (57.5)
	Rear	mm (in)	1,475 (58.1), 1,480 (58.3)★1	1,455 (57.3)	1,455 (57.3)
Minimum road clearance	mm (in)		150 (5.9), 155 (6.1)★1	150 (5.9), 155 (6.1)★1	160 (6.3)

★1: WRX

★2: With roof rail

★3: With roof rack

B: ENGINE

Model		Turbo 2.0 L	2.5 L
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 × 79.0 (3.917 × 3.110)
Displacement	cm ³ (cu in)	1,994 (121.67)	2,457 (149.9)
Compression ratio		8.0	10.0
Firing order		1 — 3 — 2 — 4	
Idle speed at Park/Neutral position (A/C OFF)	rpm	750	650 (MT) 700 (AT)
Maximum output	kW (HP)/rpm	169 (227)/6,000	123 (165)/5,600
Maximum torque	N·m (kgf-m, ft-lb)/rpm	294 (30.0, 217)/4,000	226 (23.0, 166)/4,000

C: ELECTRICAL

Model		Turbo 2.0 L	2.5 L
Ignition timing at idling speed		BTDC/rpm	12°±10°/750
Spark plug		NGK: PFR6G	MT: 10°±8°/650 AT: 15°±8°/700
Generator		12V — 75A	CHAMPION: RC10YC4(Standard) NGK: BKR5E-11 NGK: BKR6E-11
Battery	Type	MT: 12V — 48AH (55D23L) AT: 12V — 52AH (65D23L)	12V — 90A
	Reserve capacity	min	MT: 12V — 48AH (55D23L) AT: 12V — 52AH (75D23L)
	Cold cranking amperes	amp	MT: 99 AT: 111
		MT: 356 AT: 420	MT: 99 AT: 118
		MT: 356 AT: 420	MT: 356 AT: 520

D: TRANSMISSION

Model		Turbo 2.0 L	
Transmission type		5MT★1	4AT★2
Clutch type		DSPD	TCC
Gear ratio	1st	3.454	2.785
	2nd	1.947	1.545
	3rd	1.366	1.000
	4th	0.972	0.694
	5th	0.738	—
	Reverse	3.333	2.272
Reduction gear (Front drive)	1st reduction	Type of gear	—
		Gear ratio	—
	Final reduction	Type of gear	Hypoid
		Gear ratio	3.900
Reduction gear (Rear drive)	Transfer reduction	Type of gear	Helical
		Gear ratio	1.100
	Final reduction	Type of gear	Hypoid
		Gear ratio	3.545

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

4AT★2: Electronically controlled fully-automatic, 4-forward speeds and 1-reverse

DSPD: Dry Single Plate Diaphragm

TCC: Torque Converter Clutch

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Model		2.5 L				
		RS		Others		
Transmission type		5MT★1	4AT★2	5MT★1	4AT★2	
Clutch type		DSPD	TCC	DSPD	TCC	
Gear ratio	1st	3.454	3.027	3.454	2.785	
	2nd	2.062	1.619	2.062	1.545	
	3rd	1.448	1.000	1.448	1.000	
	4th	1.088	0.694	1.088	0.694	
	5th	0.780	—	0.780	—	
	Reverse	3.333	2.272	3.333	2.272	
	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
		Gear ratio	4.111	4.444	3.900	4.111
Reduction gear (Rear drive)	Transfer reduction	Type of gear	Helical	—	Helical	—
		Gear ratio	1.000	—	1.000	—
	Final reduction	Type of gear	Hypoid	Hypoid	Hypoid	Hypoid
		Gear ratio	4.111	4.444	3.900	4.111

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

4AT★2: Electronically controlled fully-automatic, 4-forward speeds and 1-reverse

DSPD: Dry Single Plate Diaphragm

TCC: Torque Converter Clutch

E: STEERING

Model		TS	OTHERS
Type		Rack and Pinion	
Turns, lock to lock		3.2	3
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 strut type, Independent, Coil spring

G: BRAKE

Model	SEDAN	WAGON
Service brake system	Dual circuit hydraulic with vacuum suspended power unit	
Front	Ventilated disc brake	
Rear	Disc brake	Drum brake, Disc brake★1
Parking brake	Mechanical on rear brakes	

★1: WRX

H: TIRE

Model	TS	RS,OBK	WRX
Rim size	15 × 6JJ	16 × 6 ¹ / ₂ JJ	16 × 6 ¹ / ₂ JJ, 17 × 7JJ★2
Tire size	P195/60R15 87H	P205/55R16 89V	P205/55R16 89V, 215/45R17 87W★2
Type	Steel belted radial, Tubeless		

★2: Option

I: CAPACITY

Model		Turbo 2.0 L		2.5 L	
		5MT	4AT	5MT	4AT
Fuel tank	ℓ (US gal, Imp gal)	60 (15.9, 13.2)		60 (15.9, 13.2)	
Engine oil (when replaced)	ℓ (US qt, Imp qt)	4.5 (4.8, 4.0)		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)	—
Automatic transmission fluid	ℓ (US qt, Imp qt)	—	9.3 — 9.6 (9.8 — 10.1, 8.2 — 8.4)	—	9.3 — 9.6 (9.8 — 10.1, 8.2 — 8.4)
AT differential gear oil	ℓ (US qt, Imp qt)	—	1.2 (1.3, 1.1)	—	1.2 (1.3, 1.1)
AWD 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)	7.7 (8.1, 6.8)	7.6 (8.0, 6.7)	7.0 (7.4, 6.2)	6.9 (7.3, 6.1)

J: WEIGHT

1. U.S. SPEC. VEHICLE

Sedan

Model		AWD				
		Turbo 2.0 L		2.5 L		
		WRX		RS		
		5MT	4AT	5MT	4AT	
Curb weight (C.W.)	Front	kg (lb)	826 (1,820)	851 (1,875)	778 (1,715)	803 (1,770)
	Rear	kg (lb)	569 (1,255)	569 (1,255)	567 (1,250)	567 (1,250)
	Total	kg (lb)	1,395 (3,075)	1,420 (3,130)	1,345 (2,965)	1,370 (3,020)
Gross axle weight (G.A.W.)	Front	kg (lb)	998 (2,200)	998 (2,200)	939 (2,070)	939 (2,070)
	Rear	kg (lb)	857 (1,890)	857 (1,890)	857 (1,890)	857 (1,890)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	1,837 (4,050)	1,837 (4,050)	1,778 (3,920)	1,778 (3,920)
Option	Power window		○	○	○	○
	Power door lock		○	○	○	○
	Cruise control		○	○	○	○
	ABS		○	○	○	○
	Roof rail		—	—	—	—
	Air conditioning		○	○	○	○
	Dual air bag		○	○	○	○
	Side air bag		—	—	—	—
	Rear spoiler		—	—	—	—

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Wagon

Model		AWD			
		Turbo 2.0 L			
		WRX			
		5MT		4AT	
Curb weight (C.W.)	Front	kg (lb)	825 (1,820)	850 (1,875)	
	Rear	kg (lb)	606 (1,335)	606 (1,335)	
	Total	kg (lb)	1,431 (3,155)	1,456 (3,210)	
Gross axle weight (G.A.W.)	Front	kg (lb)	998 (2,200)	998 (2,200)	
	Rear	kg (lb)	925 (2,040)	925 (2,040)	
Gross vehicle weight (G.V.W.)	Total	kg (lb)	1,901 (4,190)	1,901 (4,190)	
Option	Power window		○	○	
	Power door lock		○	○	
	Cruise control		○	○	
	ABS		○	○	
	Roof rail		○	○	
	Air conditioning		○	○	
	Dual air bag		○	○	
	Side air bag		—	—	
	Rear spoiler		—	—	

Model		AWD				
		2.5 L				
		TS		OUTBACK		
		5MT	4AT	5MT	4AT	
Curb weight (C.W.)	Front	kg (lb)	778 (1,715)	801 (1,765)	783 (1,725)	805 (1,775)
	Rear	kg (lb)	603 (1,330)	605 (1,335)	601 (1,325)	603 (1,330)
	Total	kg (lb)	1,381 (3,045)	1,406 (3,100)	1,384 (3,050)	1,408 (3,105)
Gross axle weight (G.A.W.)	Front	kg (lb)	939 (2,070)	939 (2,070)	939 (2,070)	939 (2,070)
	Rear	kg (lb)	925 (2,040)	925 (2,040)	925 (2,040)	925 (2,040)
Gross vehicle weight (G.V.W.)	Total	kg (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		○	○	○	○
	Roof rail		○	○	○	○
	Air conditioning		○	○	○	○
	Dual air bag		○	○	○	○
	Side air bag		—	—	—	—
	Rear spoiler		—	—	—	—

2. CANADA SPEC. VEHICLE

Sedan

Model		AWD				
		Turbo 2.0 L		2.5 L		
		WRX		RS		
		5MT	4AT	5MT	4AT	
Curb weight (C.W.)	Front	kg (lb)	826 (1,820)	850 (1,875)	778 (1,715)	803 (1,770)
	Rear	kg (lb)	573 (1,265)	574 (1,265)	567 (1,250)	567 (1,250)
	Total	kg (lb)	1,399 (3,085)	1,424 (3,140)	1,345 (2,965)	1,370 (3,020)
Gross axle weight (G.A.W.)	Front	kg (lb)	998 (2,200)	998 (2,200)	939 (2,070)	939 (2,070)
	Rear	kg (lb)	857 (1,890)	857 (1,890)	857 (1,890)	857 (1,890)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	1,837 (4,050)	1,837 (4,050)	1,778 (3,920)	1,778 (3,920)
Option	Power window		○	○	○	○
	Power door lock		○	○	○	○
	Cruise control		○	○	○	○
	ABS		○	○	○	○
	Roof rail		—	—	—	—
	Air conditioning		○	○	○	○
	Dual air bag		○	○	○	○
	Side air bag		○	○	—	—
	Rear spoiler		—	—	—	—

Wagon

Model		AWD						
		Turbo 2.0 L			2.5 L			
		WRX		TS		OUTBACK		
		5MT	4AT	5MT	4AT	5MT	4AT	
Curb weight (C.W.)	Front	kg (lb)	826 (1,820)	851 (1,875)	778 (1,715)	801 (1,765)	783 (1,725)	805 (1,775)
	Rear	kg (lb)	610 (1,345)	610 (1,345)	601 (1,325)	603 (1,330)	601 (1,325)	603 (1,330)
	Total	kg (lb)	1,436 (3,165)	1,461 (3,220)	1,379 (3,040)	1,404 (3,095)	1,384 (3,050)	1,408 (3,105)
Gross axle weight (G.A.W.)	Front	kg (lb)	998 (2,200)	998 (2,200)	939 (2,070)	939 (2,070)	939 (2,070)	939 (2,070)
	Rear	kg (lb)	925 (2,040)	925 (2,040)	925 (2,040)	925 (2,040)	925 (2,040)	925 (2,040)
Gross vehicle weight (G.V.W.)	Total	kg (lb)	1,901 (4,190)	1,901 (4,190)	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		○	○	○	○	○	○
	Roof rail		○	○	—	—	○	○
	Air conditioning		○	○	○	○	○	○
	Dual air bag		○	○	○	○	○	○
	Side air bag		○	○	—	—	—	—
	Rear spoiler		—	—	—	—	—	—

