

Impreza

SPECIFICATIONS

1. Impreza

A: DIMENSION

Model			4 door		5 door	
			WRX-S, WRX	STI-S, SE	WRX	STI, SE
Overall length	mm (in)		4,580 (180.3)		4,415 (173.8)	
Overall width	mm (in)		1,795 (70.7)		1,795 (70.7)	
Overall height (at C.W.)	mm (in)		1,475 (58.1)	1,470 (57.9)	1,475 (58.1)	1,470 (57.9)
Compartment	Length	mm (in)	1,985 (78.1)		1,985 (78.1)	
	Width	mm (in)	1,475 (58.1)		1,475 (58.1)	
	Height	mm (in)	1,200 (47.2), 1,170 (46.1)* ¹		1,200 (47.2), 1,170 (46.1)* ¹	
Wheelbase	mm (in)		2,625 (103.3)		2,625 (103.3)	
Tread	Front	mm (in)	1,530 (60.2)		1,530 (60.2)	
	Rear	mm (in)	1,540 (60.6)		1,540 (60.6)	
Minimum road clearance	mm (in)		155 (6.1)	150 (5.9)	155 (6.1)	150 (5.9)

*1: Model with sunroof

B: ENGINE

Model		2.5 L turbo (WRX-S, WRX model)	2.5 L high power turbo (STI-S, STI, SE model)
Engine type		Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine	
Valve arrangement		DOHC	
Bore × stroke	mm (in)	99.5 × 79.0 (3.92 × 3.11)	
Displacement	cm ³ (cu in)	2,457 (149.94)	
Compression ratio		8.4	8.2
Ignition order		1 — 3 — 2 — 4	
Idle speed	rpm	700±100	
Maximum output	kW (HP)/rpm	198 (265)/6,000	227 (305)/6,000
Maximum torque	N·m (kgf-m, ft-lb)/rpm	330 (33.7, 244)/4,000	394 (40.2, 290)/4,000

C: ELECTRICAL

Model		2.5 L turbo (WRX-S, WRX model)	2.5 L high power turbo (STI-S, STI, SE model)
Ignition timing (at idling)	BTDC	12°±10°	15°±10°
Spark plug	Type and manufacturer	NGK: SILFR6A	
Generator		12 V — 110 A	
Battery	Type and capacity (5HR)	12 V — 48 AH (55D23L)	
	CCA	390A	

D: TRANSMISSION

Transmission type			6MT	5MT
Clutch type			DSPD	
Gear ratio	1st		3.636	3.166
	2nd		2.235	1.882
	3rd		1.521	1.296
	4th		1.137	0.972
	5th		0.971	0.738
	6th		0.756	—
	Reverse		3.545	3.333
Reduction gear (front)	Final reduction	Type of gear	Hypoid	
		Gear ratio	3.900	
Reduction gear (rear)	Transfer reduction	Type of gear	Helical	
		Gear ratio	1.103	1.000
	Final reduction	Type of gear	Hypoid	
		Gear ratio	3.545	3.900

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

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

DSPD: Dry Single Plate Diaphragm

E: STEERING

Type			Rack and pinion	
Turns, lock to lock			2.8	
Minimum turning diameter	m (ft)	Curb to curb	11.0 (36.1)	
		Wall to wall	11.8 (38.7)	

F: SUSPENSION

Front	Macpherson strut type suspension
Rear	Double-wishbone type suspension

G: BRAKE

Model	WRX-S, WRX	STI-S, STI, SE
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	

H: TIRE

Rim size	17 × 8J	18 × 8 1/2J
Tire size	235/45R17 94W	245/40R18 93W
Type	Tubeless, steel belted radial	

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I: CAPACITY

Model		WRX-S, WRX	STI-S, STI, SE
Fuel tank		L (US gal, Imp gal)	
		64 (16.9, 14.1)	
Engine oil	Total capacity (at overhaul)	L (US qt, Imp qt)	
		5.0 (5.3, 4.4)	
	When replacing engine oil and oil filter	L (US qt, Imp qt)	
		4.2 (4.4, 3.7)	
	When replacing engine oil only	L (US qt, Imp qt)	
		4.0 (4.2, 3.5)	
Transmission gear oil		L (US qt, Imp qt)	
		3.5 (3.7, 3.1)	
Rear differential gear oil		L (US qt, Imp qt)	
		0.8 (0.8, 0.7)	
Power steering fluid		L (US qt, Imp qt)	
		0.7 (0.7, 0.6)	
Engine coolant		L (US qt, Imp qt)	
		7.4 (7.8, 6.5)	
		7.7 (8.1, 6.8)	

J: WEIGHT

Model		4 door								
		2.5 L DOHC turbo								
		WRX	WRX-S							
		5MT	5MT							
OP code		U4	C0	C0	C4	U4	U4	U4	U4	U4
		TX	TR	CH	4H	TX	4R	5R	OH	QH
Curb weight (C.W.)	Total	kg (lb)	1,455 (3,208)	1,455 (3,208)	1,475 (3,252)	1,475 (3,252)	1,455 (3,208)	1,470 (3,241)	1,470 (3,241)	1,475 (3,252)
	Front	kg (lb)	830 (1,830)	830 (1,830)	840 (1,852)	840 (1,852)	830 (1,830)	835 (1,841)	835 (1,841)	840 (1,852)
	Rear	kg (lb)	625 (1,378)	625 (1,378)	635 (1,400)	635 (1,400)	625 (1,378)	635 (1,400)	635 (1,400)	635 (1,400)
Gross vehicle weight (G.V.W.)		kg (lb)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)
Maximum permissible axle weight (G.A.W.)	Front	kg (lb)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)
	Rear	kg (lb)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)
Option	Aluminum wheel 18 in (BBS)		—	—	—	—	—	—	—	—
	Navigation		—	—	—	—	—	○	—	○
	Sunroof		—	—	○	○	—	○	○	○
	HID		—	—	—	—	—	—	○	○
	Front fog light		—	—	○	○	—	○	○	○
	Genuine leather seat		—	—	○	○	—	—	○	○
	Seat heater		—	○	○	○	—	○	○	○
	Cold weather package		—	○	○	○	—	○	○	○
	Satellite tuner		—	—	○	—	—	—	—	—
	Side airbag		○	○	○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○	○	○

Model		4 door									
		2.5 L DOHC high power turbo									
		STI	STI-S							SE	
		6MT	6MT							6MT	
OP code		C0	C0	C4	U4	U4	U4	U4	U4	C0	U4
		PH	OR	SH	3R	MR	SH	UH	VR	TR	TX
Curb weight (C.W.)	Total kg (lb)	1,540 (3,395)	1,550 (3,417)	1,550 (3,417)	1,535 (3,384)	1,535 (3,384)	1,550 (3,417)	1,550 (3,417)	1,535 (3,384)	1,535 (3,384)	1,535 (3,384)
	Front kg (lb)	890 (1,962)	890 (1,962)	890 (1,962)	885 (1,951)	885 (1,951)	890 (1,962)	890 (1,962)	885 (1,951)	885 (1,951)	885 (1,951)
	Rear kg (lb)	650 (1,433)	660 (1,455)	660 (1,455)	650 (1,433)	650 (1,433)	660 (1,455)	660 (1,455)	650 (1,433)	650 (1,433)	650 (1,433)
Gross vehicle weight (G.V.W.) kg (lb)		2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)
Maximum permissible axle weight (G.A.W.)	Front kg (lb)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)
	Rear kg (lb)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)
Option	Aluminum wheel 18 in (BBS)	—	—	○	○	—	○	○	—	—	—
	Navigation	—	—	—	○	—	—	○	○	—	—
	Sunroof	○	○	○	—	—	○	○	—	—	—
	HID	○	○	○	○	○	○	○	○	—	—
	Front fog light	○	○	○	○	—	○	○	—	—	—
	Genuine leather seat	○	—	○	—	—	○	○	—	—	—
	Seat heater	○	○	○	○	○	○	○	○	○	—
	Cold weather package	○	○	○	○	○	○	○	○	○	—
	Satellite tuner	○	—	—	—	—	—	—	—	—	—
	Side airbag	○	○	○	○	○	○	○	○	○	○
	Curtain airbag	○	○	○	○	○	○	○	○	○	○

Impreza

SPECIFICATIONS

Model		5 door							
		2.5 L DOHC turbo							
		WRX							
		5MT							
OP code		C0	C0	C4	U4	U4	U4	U4	U4
		TR	CH	4H	TX	4R	5R	OH	QH
Curb weight (C.W.)	Total kg (lb)	1,455 (3,208)	1,475 (3,252)	1,475 (3,252)	1,455 (3,208)	1,470 (3,241)	1,470 (3,241)	1,475 (3,252)	1,475 (3,252)
	Front kg (lb)	830 (1,830)	840 (1,852)	840 (1,852)	830 (1,830)	835 (1,841)	835 (1,841)	840 (1,852)	840 (1,852)
	Rear kg (lb)	625 (1,378)	635 (1,400)	635 (1,400)	625 (1,378)	635 (1,400)	635 (1,400)	635 (1,400)	635 (1,400)
Gross vehicle weight (G.V.W.) kg (lb)		1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)	1,990 (4,387)
Maximum permissible axle weight (G.A.W.)	Front kg (lb)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)	1,020 (2,249)
	Rear kg (lb)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)	1,030 (2,271)
Option	Aluminum wheel 18 in (BBS)	—	—	—	—	—	—	—	—
	Navigation	—	—	—	—	—	○	—	○
	Sunroof	—	○	○	—	○	○	○	○
	HID	—	—	—	—	—	—	○	○
	Front fog light	—	○	○	—	○	○	○	○
	Genuine leather seat	—	○	○	—	—	—	○	○
	Seat heater	○	○	○	—	○	○	○	○
	Cold weather package	○	○	○	—	○	○	○	○
	Satellite tuner	—	○	—	—	—	—	—	—
	Side airbag	○	○	○	○	○	○	○	○
	Curtain airbag	○	○	○	○	○	○	○	○

Model		5 door					
		2.5 L DOHC high power turbo					
		STI				SE	
		6MT				6MT	
OP code		C0	C4	U4	U4	C0	U4
		OR	SH	3R	RR	TR	TX
Curb weight (C.W.)	Total kg (lb)	1,545 (3,406)	1,545 (3,406)	1,530 (3,373)	1,530 (3,373)	1,530 (3,373)	1,530 (3,373)
	Front kg (lb)	890 (1,962)	890 (1,962)	885 (1,951)	885 (1,951)	885 (1,951)	885 (1,951)
	Rear kg (lb)	655 (1,444)	655 (1,444)	645 (1,422)	645 (1,422)	645 (1,422)	645 (1,422)
Gross vehicle weight (G.V.W.) kg (lb)		2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)	2,030 (4,475)
Maximum permissible axle weight (G.A.W.)	Front kg (lb)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)	1,050 (2,315)
	Rear kg (lb)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)
Option	Aluminum wheel 18 in (BBS)	—	○	○	○	—	—
	Navigation	—	—	○	—	—	—
	Sunroof	○	○	—	—	—	—
	HID	○	○	○	○	—	—
	Front fog light	○	○	○	○	—	—
	Genuine leather seat	—	○	—	—	—	—
	Seat heater	○	○	○	○	○	—
	Cold weather package	○	○	○	○	○	—
	Satellite tuner	—	—	—	—	—	—
	Side airbag	○	○	○	○	○	○
	Curtain airbag	○	○	○	○	○	○

PRECAUTION

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