

Brought to you by Eris Studios
NOT FOR RESALE

SPECIFICATIONS

1. Impreza

A: DIMENSION

Overall length	mm (in)	4,415 (173.8)	
Overall width	mm (in)	1,795 (70.7)	
Overall height (at C.W.)	mm (in)	1,475 (58.1)	
Compartment	Length	mm (in)	1,985 (78.1)
	Width	mm (in)	1,475 (58.1)
	Height	mm (in)	1,200 (47.2)
Wheelbase	mm (in)	2,625 (103.3)	
Tread	Front	mm (in)	1,530 (60.2)
	Rear	mm (in)	1540 (60.6)
Minimum road clearance	mm (in)	155 (6.1)	

B: ENGINE

Model	2.5 L Turbo	
Engine type	Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine	
Valve arrangement	DOHC	
Bore × stroke	mm (in)	99.5 × 79 (3.92 × 3.11)
Displacement	cm ³ (cu in)	2,457 (149.94)
Compression ratio	8.6	
Ignition order	1 — 3 — 2 — 4	
Idling speed	rpm	700
Maximum output	kW (HP)/rpm	227 (305)/6,000
Maximum torque	N·m (kgf-m, ft-lb)/rpm	394 (40.2, 290)/4,000

C: ELECTRICAL

Ignition timing (at idling)	BTDC	17°±10°
Spark plug	Type and manufacturer	NGK: SILFR6A
Generator	12 V — 110 A	
Battery	Type and capacity (5HR)	12 V — 48 AH (55D23L)

D: TRANSMISSION

Engine		2.5 L Turbo	
Transmission type		6MT	
Clutch type		DSPD	
Gear ratio	1st		3.636
	2nd		2.235
	3rd		1.521
	4th		1.137
	5th		0.971
	6th		0.756
	Rev.		3.545
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
	Final reduction	Type of gear	Hypoid
		Gear ratio	3.545

6MT: 6-forward speeds with synchromesh and 1-reverse
 DSPD: Dry Single Plate Diaphragm

E: STEERING

Type		Rack and pinion	
Turns, lock to lock		2.8	
Minimum turning radius	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

Service brake system	Dual circuit hydraulic with vacuum suspended power unit
Front	Ventilated disc brake
Rear	Ventilated disc brake
Parking brake	Mechanical on rear brakes

H: TIRE

Rim size	17 x 8JJ	18 x 8 1/2J
Tire size	235/45R17	245/40R18
Type	Tubeless, Steel belted radial	

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I: CAPACITY

Fuel tank	ℓ (US gal, Imp gal)	64 (16.9, 14.1)
Engine oil	Capacity (at overhaul)	ℓ (US qt, Imp qt)
	When replacing engine oil and oil filter	ℓ (US qt, Imp qt)
	When replacing engine oil only	ℓ (US qt, Imp qt)
Transmission gear oil	ℓ (US qt, Imp qt)	4.1 (4.3, 3.6)
Rear differential gear oil	ℓ (US qt, Imp qt)	1.0 (1.1, 0.9)
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)

J: WEIGHT

Model		5 door								
		2.5 L DOHC turbo								
		WRX STI								
		6MT								
OP code		U4	U4	U4	U4	U4	U4	U4	CO	
		XX	AX	BX	JP	KP	DP	EP	AD	
Curb weight (C.W.)	Total	kg (lb)	1,530 (3,373)	1,540 (3,395)	1,540 (3,395)	1,530 (3,373)	1,530 (3,373)	1,530 (3,373)	1,530 (3,373)	1,540 (3,395)
	Front	kg (lb)	885 (1,951)	890 (1,962)	890 (1,962)	885 (1,951)	885 (1,951)	885 (1,951)	885 (1,951)	890 (1,962)
	Rear	kg (lb)	645 (1,422)	650 (1,433)	650 (1,433)	645 (1,422)	645 (1,422)	645 (1,422)	645 (1,422)	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)
Gross 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)
	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)
Option	Aluminum wheel 18 in (casting)		—	○	○	—	—	—	—	○
	Aluminum wheel 18 in (BBS) Silver		—	—	—	—	—	○	○	—
	Aluminum wheel 18 in (BBS) Gold		—	—	—	○	○	—	—	—
	Navigation		—	—	○	—	○	—	○	—
	Satellite tuner		—	—	—	—	—	—	—	—
	Cold weather package		—	—	—	—	—	—	—	○
	Front fog light		—	—	—	○	○	○	○	—
Seat heater		—	—	—	—	—	—	—	○	

Impreza

SPECIFICATIONS

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Chris Studios

Model		5 door							
		2.5 L DOHC turbo							
		WRX STI							
		6MT							
OP code		CO	CO	CO	CO	C4	C4	C4	
		GD	HD	PD	QD	AX	JT	DT	
Curb weight (C.W.)	Total	kg (lb)	1,530 (3,373)	1,530 (3,373)	1,530 (3,373)	1,530 (3,373)	1,540 (3,395)	1,530 (3,373)	1,530 (3,373)
	Front	kg (lb)	885 (1,951)	885 (1,951)	885 (1,951)	885 (1,951)	890 (1,962)	885 (1,951)	885 (1,951)
	Rear	kg (lb)	645 (1,422)	645 (1,422)	645 (1,422)	645 (1,422)	650 (1,433)	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)	2,030 (4,475)
Gross 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)
	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)
Option	Aluminum wheel 18 in (casting)		—	—	—	—	○	—	—
	Aluminum wheel 18 in (BBS) Silver		—	○	—	○	—	—	○
	Aluminum wheel 18 in (BBS) Gold		○	—	○	—	—	○	—
	Navigation		—	—	○	○	—	—	—
	Satellite tuner		○	○	○	○	—	—	—
	Cold weather package		○	○	○	○	—	○	○
	Front fog light		—	—	—	—	—	○	○
Seat heater		○	○	○	○	—	○	○	

