

SPECIFICATIONS

2. WRX STI

A: DIMENSION

Overall length		mm (in)	4,595 (180.9)
Overall width		mm (in)	1,795 (70.7)
Overall height		mm (in)	1,475 (58.1)
Compartment	Length	mm (in)	2,005 (78.9)
	Width	mm (in)	1,490 (58.7)
	Height	mm (in)	1,205 (47.4), 1,175 (46.3) ^{*1}
Wheelbase		mm (in)	2,650 (104.3)
Tread	Front	mm (in)	1,530 (60.2)
	Rear	mm (in)	1,540 (60.6)
Minimum road clearance		mm (in)	125 (4.9)

*1: Model with sunroof

B: ENGINE

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		8.2
Ignition order		1 — 3 — 2 — 4
Idle speed	rpm	700±100
Maximum output	kW (HP)/rpm	227 (305)/6,000
Maximum torque	N·m (kgf-m, ft-lb)/rpm	393 (40.2, 290)/4,000

C: ELECTRICAL

Ignition timing (at idling)		BTDC	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**1. MT**

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 and 1-reverse with synchromesh

DSPD: Dry Single Plate Diaphragm

E: STEERING

Type		Rack and pinion
		Hydraulic power steering
Turns, lock to lock		2.5
Minimum turning radius	m (ft)	5.6 (18.4)

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	18 × 8 1/2J
Tire size	245/40R18 97W
Type	Tubeless, steel belted radial

I: CAPACITY

Fuel tank	L (US gal, Imp gal)	60 (15.9, 13.2)
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) 4.3 (4.5, 3.8)
	When replacing engine oil only	L (US qt, Imp qt) 4.0 (4.2, 3.5)
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 (8.2, 6.8)

J: WEIGHT

Model		SEDAN									
		2.5 L DOHC high power turbo									
		STI	STI+W								
		6MT									
OP code		C0	C0	C0	C0	C0	U4	U4	U4	U4	
		TW	WW	TW	JY	5T	WW	61	PW	4X	
Curb weight (C.W.)	Total	kg (lb)	1,527 (3,366)	1,536 (3,386)	1,535 (3,384)	1,553 (3,424)	1,567 (3,455)	1,536 (3,386)	1,536 (3,386)	1,551 (3,419)	1,537 (3,388)
	Front	kg (lb)	907 (2,000)	907 (2,000)	905 (1,995)	914 (2,015)	918 (2,024)	907 (2,000)	907 (2,000)	911 (2,008)	907 (2,000)
	Rear	kg (lb)	620 (1,366)	629 (1,386)	630 (1,389)	639 (1,409)	649 (1,431)	629 (1,386)	629 (1,386)	640 (1,411)	630 (1,388)
Gross vehicle weight (G.V.W.)		kg (lb)	2,000 (4,409)	2,000 (4,409)	2,000 (4,409)	2,000 (4,409)	2,000 (4,409)	2,000 (4,409)	2,000 (4,409)	2,000 (4,409)	2,000 (4,409)
Maximum permissible axle weight (G.A.W.)	Front	kg (lb)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)
	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)
Option	18 in Tire & alumi- num wheel (BBS)		—	—	—	—	—	—	—	—	—
	Keyless access		—	—	—	—	○	—	—	○	○
	Harman naviga- tion system		—	—	—	—	○	—	—	○	—
	LED headlight		—	○	—	○	○	○	○	○	○
	Front fog light		—	○	—	○	○	○	○	○	○
	Sunroof		—	—	—	○	○	—	—	—	—
	Auto light & auto wiper		—	—	—	○	○	—	—	—	—
	Genuine leather seat		—	—	—	—	○	—	—	—	—
	Driver seat power seat		—	—	—	○	○	—	—	—	—
	Seat heater		○	○	○	○	○	○	○	○	—
	Clear view pack- age		○	○	○	○	○	○	○	○	—

WRX STI

SPECIFICATIONS

Model		SEDAN				
		2.5 L DOHC high power turbo				
		STI-LTD+W				
		6MT				
OP code		C0	C4	U4	U4	U4
		ZT	RG	ST	ZT	RG
Curb weight (C.W.)	Total kg (lb)	1,564 (3,448)	1,571 (3,463)	1,562 (3,444)	1,564 (3,448)	1,563 (3,446)
	Front kg (lb)	916 (2,019)	913 (2,013)	915 (2,017)	916 (2,019)	915 (2,017)
	Rear kg (lb)	648 (1,429)	658 (1,450)	647 (1,427)	648 (1,429)	648 (1,429)
Gross vehicle weight (G.V.W.) kg (lb)		2,000 (4,409)	2,000 (4,409)	2,000 (4,409)	2,000 (4,409)	2,000 (4,409)
Maximum permissible axle weight (G.A.W.)	Front kg (lb)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)	1,075 (2,370)
	Rear kg (lb)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)	1,040 (2,293)
Option	18 in Tire & aluminum wheel (BBS)	○	○	○	○	○
	Keyless access	○	○	—	○	○
	Harman navigation system	○	—	—	○	—
	LED headlight	○	○	○	○	○
	Front fog light	○	○	○	○	○
	Sunroof	○	○	○	○	○
	Auto light & auto wiper	○	○	○	○	○
	Genuine leather seat	○	○	○	○	○
	Driver seat power seat	○	○	○	○	○
	Seat heater	○	—	○	○	—
	Clear view package	○	—	○	○	—

PRECAUTION

PC

	Page
1. Precaution	2

