

# Impreza

## SPECIFICATIONS

### 1. Impreza

#### A: DIMENSION

Model		4 door	5 door	OUTBACK SPORT
Overall length	mm (in)	4,580 (180.3)	4,415 (173.8)	
Overall width	mm (in)	1,740 (68.5)		
Overall height (at C.W.)	mm (in)	1,475 (58.1)	1,480 (58.3)	
Compartment	Length	mm (in)	1,985 (78.1)	
	Width	mm (in)	1,475 (58.1)	
	Height	mm (in)	Model without sunroof: 1,200 (47.2) Model with sunroof: 1,170 (46.1)	
Wheelbase	mm (in)	2,620 (103.1)		
Tread	Front	mm (in)	1,495 (58.9)	1,490 (58.7)
	Rear	mm (in)	16 in wheel: 1,495 (58.9) 17 in wheel: 1,500 (59.1)	1,495 (58.9)
Minimum road clearance	mm (in)	155 (6.1)		160 (6.3)

#### B: ENGINE

Model	2.5 L		
Engine type	Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine		
Valve arrangement	SOHC		
Bore x stroke	mm (in)	99.5 x 79.0 (3.92 x 3.11)	
Displacement	cm <sup>3</sup> (cu in)	2,457 (149.94)	
Compression ratio	10.0		
Ignition order	1 — 3 — 2 — 4		
Idle speed at Park or Neutral position	rpm	MT: 650 AT: 700	
Maximum output	kW (HP)/rpm	127 (170)/6,000	
Maximum torque	N-m (kgf-m, ft-lb)/rpm	230 (23.5, 170)/4,400	

#### C: ELECTRICAL

Model	2.5 L		
Ignition timing (at idling)	BTDC	MT: 10°±8° AT: 15°±10°	
Spark plug	Type and manufacturer	NGK: FR5AP-11	
Generator	12 V — 90 A		
Battery	Type and capacity (5HR)	AT: 12 V — 52 AH (65D23L) MT: 12 V — 48 AH (55D23L)	
	CCA	430 A (65D23L) 390 A (55D23L)	

**D: TRANSMISSION**

Model		2.5 L	
Transmission type		5MT	4AT
Clutch type		DSPD	TCC
Gear ratio	1st	3.454	2.785
	2nd	2.062	1.545
	3rd	1.448	1.000
	4th	1.088	0.694
	5th	0.780	—
	6th	—	—
	Reverse	3.333	2.272
Reduction gear (Front)	1st reduction	Type of gear	—
		Gear ratio	—
	Final reduction	Type of gear	Hypoid
		Gear ratio	3.900
Reduction gear (Rear)	Transfer reduction	Type of gear	Helical
		Gear ratio	1.000
	Final reduction	Type of gear	Hypoid
		Gear ratio	3.900

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

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

DSPD: Dry Single Plate Diaphragm

TCC: Torque Converter Clutch

**E: STEERING**

Type		Rack and pinion	
Turns, lock to lock		2.8	
Minimum turning diameter	m (ft)	Curb to curb	10.6 (34.8)
		Wall to wall	11.2 (36.7)

**F: SUSPENSION**

Front	Macpherson strut type suspension
Rear	Double-wishbone type suspension

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### G: BRAKE

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

### H: TIRE

Model	2.5i, 2.5i-S (16 in)	2.5i-S (17 in), OUTBACK SPORT
Rim size	16 × 6 <sup>1</sup> / <sub>2</sub> JJ	17 × 7JJ
Tire size	P205/55 R16 89V	P205/50 R17 88V
Type	Tubeless, Steel belted radial	

### I: CAPACITY

Model		2.5 L	
		5MT	4AT
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)	—
ATF	ℓ (US qt, Imp qt)	—	9.3 — 9.6 (9.8 — 10.1, 8.2 — 8.4)
Front differential gear oil	ℓ (US qt, Imp qt)	—	1.1 — 1.3 (1.2 — 1.4, 1.0 — 1.1)
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)	6.8 (7.2, 6.0)	6.7 (7.1, 5.9)

**J: WEIGHT**

Model		4 door										
		2.5 i										
		MT						AT				
OP code		C0	U4	C0	U4	U4	U4	U4	C0	U4	C0	
		FF	FF	KF	KF	KG	KE	UE	FF	FF	KF	
Curb weight (C.W.)	Total	kg (lb)	1,395 (3,075)	1,395 (3,075)	1,385 (3,053)	1,385 (3,053)	1,405 (3,097)	1,405 (3,097)	1,405 (3,097)	1,425 (3,141)	1,425 (3,141)	1,415 (3,119)
	Front	kg (lb)	780 (1,719)	780 (1,719)	775 (1,708)	775 (1,708)	785 (1,730)	785 (1,730)	785 (1,730)	810 (1,785)	810 (1,785)	805 (1,774)
	Rear	kg (lb)	615 (1,356)	615 (1,356)	610 (1,345)	610 (1,345)	620 (1,367)	620 (1,367)	620 (1,367)	615 (1,356)	615 (1,356)	610 (1,345)
Gross vehicle weight (G.V.W.)		kg (lb)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)
Gross axle weight (G.A.W.)	Front	kg (lb)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)
	Rear	kg (lb)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)
Option	Aluminum wheel		—	—	○	○	○	○	○	—	—	○
	Cruise control		○	○	○	○	○	○	○	○	○	○
	Auto A/C		—	—	—	—	—	—	—	—	—	—
	Manual A/C		○	○	○	○	○	○	○	○	○	○
	Leather pack-age		—	—	○	○	○	○	○	—	—	○
	Genuine leather seat		—	—	—	—	—	—	—	—	—	—
	Premium audio		○	○	—	—	—	—	—	○	○	—
	High grade audio		—	—	○	○	○	○	—	—	—	○
	Navigation		—	—	—	—	—	—	○	—	—	—
	Satellite tuner		—	—	—	—	—	—	○	—	—	—
	Side airbag		○	○	○	○	○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○	○	○	○	○
	VDC		○	○	○	○	○	○	○	○	○	○
	Front fog light		—	—	—	—	○	○	○	—	—	—
	Cold weather package		—	—	—	—	○	—	—	—	—	—
Sunroof		—	—	—	—	○	○	○	—	—	—	

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## SPECIFICATIONS

Model		4 door									
		2.5 i				2.5 i-S					
		AT				MT		AT			
OP code		U4	U4	U4	U4	C0	C0	C0	C0	C4	
		KF	KG	KE	UE	GG	IG	GG	IG	IG	
Curb weight (C.W.)	Total	kg (lb)	1,415 (3,119)	1,435 (3,163)	1,435 (3,163)	1,435 (3,163)	1,420 (3,130)	1,415 (3,119)	1,450 (3,196)	1,445 (3,185)	1,450 (3,196)
	Front	kg (lb)	805 (1,774)	815 (1,796)	815 (1,796)	815 (1,796)	790 (1,741)	790 (1,741)	820 (1,807)	820 (1,807)	820 (1,807)
	Rear	kg (lb)	610 (1,345)	620 (1,367)	620 (1,367)	620 (1,367)	630 (1,389)	625 (1,378)	630 (1,389)	625 (1,378)	630 (1,389)
Gross vehicle weight (G.V.W.)		kg (lb)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)
Gross axle weight (G.A.W.)	Front	kg (lb)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)
	Rear	kg (lb)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)
Option	Aluminum wheel		○	○	○	○	○	○	○	○	○
	Cruise control		○	○	○	○	○	○	○	○	○
	Auto A/C		—	—	—	—	○	—	○	—	—
	Manual A/C		○	○	○	○	—	○	—	○	○
	Leather pack- age		○	○	○	○	○	○	○	○	○
	Genuine leather seat		—	—	—	—	○	—	○	—	—
	Premium audio		—	—	—	—	—	—	—	—	—
	High grade audio		○	○	○	—	○	○	○	○	○
	Navigation		—	—	—	○	—	—	—	—	—
	Satellite tuner		—	—	—	○	—	—	—	—	—
	Side airbag		○	○	○	○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○	○	○	○
	VDC		○	○	○	○	○	○	○	○	○
	Front fog light		—	○	○	○	○	○	○	○	○
	Cold weather package		—	○	—	—	○	○	○	○	○
Sunroof		—	○	○	○	○	○	○	○	○	

# Impreza

## SPECIFICATIONS

Model			5 door											
			2.5 i											
			MT						AT					
OP code			C0	U4	C0	U4	U4	U4	U4	C0	U4	C0	U4	U4
			FF	FF	KF	KF	KG	KE	UE	FF	FF	KF	KF	KG
Curb weight (C.W.)	Total	kg (lb)	1,395 (3,075)	1,395 (3,075)	1,385 (3,053)	1,385 (3,053)	1,405 (3,097)	1,405 (3,097)	1,405 (3,097)	1,425 (3,141)	1,425 (3,141)	1,415 (3,119)	1,415 (3,119)	1,435 (3,163)
	Front	kg (lb)	780 (1,719)	780 (1,719)	775 (1,708)	775 (1,708)	785 (1,730)	785 (1,730)	785 (1,730)	810 (1,785)	810 (1,785)	805 (1,774)	805 (1,774)	815 (1,796)
	Rear	kg (lb)	615 (1,356)	615 (1,356)	610 (1,345)	610 (1,345)	620 (1,367)	620 (1,367)	620 (1,367)	615 (1,356)	615 (1,356)	610 (1,345)	610 (1,345)	620 (1,367)
Gross vehicle weight (G.V.W.)		kg (lb)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)
Gross axle weight (G.A.W.)	Front	kg (lb)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)
	Rear	kg (lb)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)
Option	Aluminum wheel		—	—	○	○	○	○	○	—	—	○	○	○
	Cruise control		○	○	○	○	○	○	○	○	○	○	○	○
	Auto A/C		—	—	—	—	—	—	—	—	—	—	—	—
	Manual A/C		○	○	○	○	○	○	○	○	○	○	○	○
	Leather package		—	—	○	○	○	○	○	—	—	○	○	○
	Genuine leather seat		—	—	—	—	—	—	—	—	—	—	—	—
	Premium audio		○	○	—	—	—	—	—	○	○	—	—	—
	High grade audio		—	—	○	○	○	○	—	—	—	○	○	○
	Navigation		—	—	—	—	—	—	○	—	—	—	—	—
	Satellite tuner		—	—	—	—	—	—	○	—	—	—	—	—
	Side airbag		○	○	○	○	○	○	○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○	○	○	○	○	○	○
	VDC		○	○	○	○	○	○	○	○	○	○	○	○
	Front fog light		—	—	—	—	○	○	○	—	—	—	—	○
Cold weather package		—	—	—	—	○	—	—	—	—	—	—	○	
Sunroof		—	—	—	—	○	○	○	—	—	—	—	○	

# Impreza

## SPECIFICATIONS

Model		5 door											
		2.5 i		2.5 i-S					OUTBACK SPORT				
		AT		MT		AT			MT		AT		
OP code		U4	U4	C0	C0	C0	C0	C4	U4	U4	U4	U4	
		KE	UE	GG	IG	GG	IG	IG	KJ	KG	KJ	KG	
Curb weight (C.W.)	Total	kg (lb)	1,435 (3,163)	1,435 (3,163)	1,420 (3,130)	1,415 (3,119)	1,450 (3,196)	1,445 (3,185)	1,450 (3,196)	1,410 (3,108)	1,430 (3,152)	1,440 (3,174)	1,460 (3,218)
	Front	kg (lb)	815 (1,796)	815 (1,796)	790 (1,741)	790 (1,741)	820 (1,807)	820 (1,807)	820 (1,807)	790 (1,741)	800 (1,763)	820 (1,807)	830 (1,829)
	Rear	kg (lb)	620 (1,367)	620 (1,367)	630 (1,389)	625 (1,378)	630 (1,389)	625 (1,378)	630 (1,389)	620 (1,367)	630 (1,389)	620 (1,367)	630 (1,389)
Gross vehicle weight (G.V.W.)		kg (lb)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)	1,950 (4,299)
Gross axle weight (G.A.W.)	Front	kg (lb)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)	990 (2,183)
	Rear	kg (lb)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)
Option	Aluminum wheel		○	○	○	○	○	○	○	○	○	○	○
	Cruise control		○	○	○	○	○	○	○	○	○	○	○
	Auto A/C		—	—	○	—	○	—	—	—	—	—	—
	Manual A/C		○	○	—	○	—	○	○	○	○	○	○
	Leather package		○	○	○	○	○	○	○	○	○	○	○
	Genuine leather seat		—	—	○	—	○	—	—	—	—	—	—
	Premium audio		—	—	—	—	—	—	—	—	—	—	—
	High grade audio		○	—	○	○	○	○	○	○	○	○	○
	Navigation		—	○	—	—	—	—	—	—	—	—	—
	Satellite tuner		—	○	—	—	—	—	—	—	—	—	—
	Side airbag		○	○	○	○	○	○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○	○	○	○	○	○
	VDC		○	○	○	○	○	○	○	○	○	○	○
	Front fog light		○	○	○	○	○	○	○	○	○	○	○
Cold weather package		—	—	○	○	○	○	○	○	○	○	○	
Sunroof		○	○	○	○	○	○	○	—	○	—	○	

# PRECAUTION

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