

IMPREZA

Specifications

1. Impreza SA08731

A: DIMENSIONS SA08731G28

Model				Coupe	Sedan	Station WAGON	
				AWD	AWD	AWD	
						SPORTS	OUTBACK
Overall length	mm (in)	4,375 (172.2)	4,375 (172.2)	4,375 (172.2)			
Overall width	mm (in)	1,705 (67.1)	1,705 (67.1)	1,705 (67.1)			
Overall height	mm (in)	1,410 (55.5)	1,410 (55.5)	1,410 (55.5)	1,430 (56.3)		
Compartment	Leg room	Front Max.	mm (in)	1,094 (43.1)	1,094 (43.1)	1,094 (43.1)	
		Rear Min.	mm (in)	825 (32.5)	825 (32.5)	825 (32.5)	
	Head room	Front	mm (in)	995 (39.2)	995 (39.2)	995 (39.2)	
		Rear	mm (in)	933 (36.7)	933 (36.7)	950 (37.4)	
	Shoulder room	Front	mm (in)	1,335 (52.6)	1,335 (52.6)	1,335 (52.6)	
		Rear	mm (in)	1,325 (52.2)	1,315 (51.8)	1,315 (51.8)	
Wheelbase	mm (in)	2,520 (99.2)	2,520 (99.2)	2,520 (99.2)			
Tread	Front	mm (in)	1,460 (57.5)	1,460 (57.5)	1,460 (57.5)		
		1,470* (57.9)	1,470 (57.9)				
	Rear	mm (in)	1,450 (57.1)	1,450 (57.1)	1,450 (57.1)		
		1,460* (57.5)	1,460 (57.5)				
Minimum road clearance	C.W.	mm (in)	145 (5.7)	145 (5.7)	145 (5.7)	165 (6.5)	

*1: 2.5 L model

B: ENGINE SA08731G29

Model	Coupe/Sedan/Station Wagon		
	2.2 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)	96.9 × 75.0 (3.815 × 2.953)	99.5 × 79.0 (3.917 × 3.110)
Displacement	cm ³ (cu in)	2,212 (135)	2,457 (150)
Compression ratio	10.0		
Firing order	1 — 3 — 2 — 4		
Idle speed at Park/Neutral position	rpm	700	650 (MT), 700 (AT)
Maximum output	kW (HP)/rpm	106 (142)/5,600	123 (165)/5,600
Maximum torque	N·m (kgf-m, ft-lb)/rpm	202 (20.6, 149)/3,600	225 (22.9, 166)/4,000

C: ELECTRICAL SA08731G30

Model		Coupe/Sedan/Station Wagon	
		2.2 L	2.5 L
Ignition timing at idling speed	BTDC/rpm	15°/700	10°±10°/650 (MT), 10°±10°/700 (AT)
Spark plug	Type and manufacturer	CHAMPION: RC10YC4 (Standard) NGK: BKR6E-11 CHAMPION: RC8YC4 NIPPONDENSO: K20PR-U11	
Alternator		12V — 75A	
Battery	Reserve capacity	min	99 (MT), 111 (AT)
	Cold cranking amperes	amp.	356 (MT), 420 (AT)

D: TRANSMISSION SA08731G31

Model		Coupe/Sedan/Station Wagon	
		AWD	
Transmission type		5MT*1	4AT*2
Clutch type		DSPD	TCC
Gear ratio	1st	3.545	2.785 (2.2 L) 3.027 (2.5 L)
	2nd	2.111	1.545 (2.2 L) 1.619 (2.5 L)
	3rd	1.448	1.000
	4th	1.088	0.694
	5th	0.780	—
	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 (2.2 L) 4.111 (2.5 L)
Reduction gear (Rear drive)	Transfer reduction	Type of gear	Helical
		Gear ratio	1.000
	Final reduction	Type of gear	Hypoid
		Gear ratio	3.900 (2.2 L) 4.111 (2.5 L)

5MT*1: 5-forward speeds with synchromesh and 1-reverse – with center differential and viscous coupling

4AT*2: Electronically controlled fully-automatic, 4-forward speeds and 1-reverse – with hydraulically controlled transfer clutch

DSPD: Dry Single Plate Diaphragm

TCC: Torque Converter Clutch

E: STEERING SA08731G32

Type	Rack and Pinion	
Turns, lock to lock	3.2	
Minimum turning circle	m (ft)	Curb to curb: 10.2 (33.5), Wall to wall: 11.0 (36.1)

F: SUSPENSION SA08731G33

Front	Macpherson strut type, Independent, Coil spring
Rear	Dual link strut type, Independent, Coil spring

G: BRAKE SA08731G34

Model	2.2 L with ABS	2.5 L with ABS
Service brake system	Dual circuit hydraulic with vacuum suspended power unit	
Front	Ventilated disc brake	
Rear	Drum brakes	Disc brakes
Parking brake	Mechanical on rear brakes	

H: TIRE SA08731G35

Model	15 inch wheel		16 inch wheel
Size	P195/60R15 87H	P205/60R15 90H P205/60R15 90S	P205/55R16 89H
Type	Steel belted radial, Tubeless		

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I: CAPACITY SA08731G36

Model			AWD	
			5MT	4AT
Fuel tank	ℓ (US gal, Imp gal)		60 (15.9, 13.2)	
Engine oil	Upper level	ℓ (US qt, Imp qt)	4.0 (4.2, 3.5)	
	Lower level	ℓ (US qt, Imp qt)	3.0 (3.2, 2.6)	
Transmission gear oil	ℓ (US qt, Imp qt)		3.5 (3.7, 3.1)	—
Automatic transmission fluid	ℓ (US qt, Imp qt)		—	9.3 (9.8, 8.2) (2.5 L) 8.4 (8.9, 7.4) (2.2 L)
AT differential gear oil	ℓ (US qt, Imp qt)		—	1.2 (1.3, 1.1)
AWD 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)		5.8 (6.1, 5.1)	

J: WEIGHT SA08731G37

1. U.S. SPEC. VEHICLE SA08731G3701

Model			Coupe			
			AWD			
			L		RS	
			5MT	4AT	5MT*	4AT*
Curb weight (C.W.)	Front	kgf (lb)	717 (1,580)	739 (1,630)	742 (1,635)	762 (1,680)
	Rear	kgf (lb)	521 (1,150)	531 (1,170)	526 (1,160)	528 (1,165)
	Total	kgf (lb)	1,238 (2,730)	1,270 (2,800)	1,268 (2,795)	1,290 (2,845)
Gross vehicle weight (G.V.W.)	Front	kgf (lb)	885 (1,950)			
	Rear	kgf (lb)	816 (1,800)			
	Total	kgf (lb)	1,701 (3,750)			

Model			Sedan			
			AWD			
			L		RS	
			5MT	4AT	5MT*	4AT*
Curb weight (C.W.)	Front	kgf (lb)	719 (1,585)	744 (1,640)	744 (1,640)	747 (1,685)
	Rear	kgf (lb)	521 (1,150)	528 (1,165)	526 (1,160)	529 (1,165)
	Total	kgf (lb)	1,240 (2,735)	1,272 (2,805)	1,270 (2,800)	1,293 (2,850)
Gross vehicle weight (G.V.W.)	Front	kgf (lb)	885 (1,950)			
	Rear	kgf (lb)	816 (1,800)			
	Total	kgf (lb)	1,701 (3,750)			

Model			Station WAGON			
			AWD			
			Brighton		OUTBACK	
			5MT	4AT	5MT	4AT
Curb weight (C.W.)	Front	kgf (lb)	703 (1,550)	723 (1,595)	730 (1,610)	753 (1,660)
	Rear	kgf (lb)	558 (1,230)	561 (1,235)	567 (1,250)	571 (1,260)
	Total	kgf (lb)	1,261 (2,780)	1,284 (2,830)	1,297 (2,860)	1,324 (2,920)
Gross vehicle weight (G.V.W.)	Front	kgf (lb)	885 (1,950)			
	Rear	kgf (lb)	907 (2,000)			
	Total	kgf (lb)	1,792 (3,950)			

2. CANADA SPEC. VEHICLE SA08731G3702

Model			Coupe	
			AWD	
			RS	
			5MT*	4AT*
Curb weight (C.W.)	Front	kgf (lb)	742 (1,635)	762 (1,780)
	Rear	kgf (lb)	526 (1,160)	528 (1,165)
	Total	kgf (lb)	1,268 (2,795)	1,290 (2,845)
Gross vehicle weight (G.V.W.)	Front	kgf (lb)	885 (1,950)	
	Rear	kgf (lb)	816 (1,800)	
	Total	kgf (lb)	1,701 (3,750)	

Model			Sedan			
			AWD			
			TS		RS	
			5MT	4AT	5MT*	4AT*
Curb weight (C.W.)	Front	kgf (lb)	719 (1,585)	744 (1,640)	744 (1,640)	764 (1,685)
	Rear	kgf (lb)	521 (1,150)	528 (1,165)	526 (1,160)	529 (1,165)
	Total	kgf (lb)	1,240 (2,735)	1,272 (2,805)	1,270 (2,800)	1,293 (2,850)
Gross vehicle weight (G.V.W.)	Front	kgf (lb)	885 (1,950)			
	Rear	kgf (lb)	816 (1,800)			
	Total	kgf (lb)	1,701 (3,750)			

Model			Station Wagon	
			AWD	
			RS	
			5MT*	4AT*
Curb weight (C.W.)	Front	kgf (lb)	742 (1,635)	762 (1,680)
	Rear	kgf (lb)	526 (1,160)	528 (1,165)
	Total	kgf (lb)	1,268 (2,795)	1,290 (2,845)
Gross vehicle weight (G.V.W.)	Front	kgf (lb)	885 (1,950)	
	Rear	kgf (lb)	816 (1,800)	
	Total	kgf (lb)	1,701 (3,750)	

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MEMO: