

# 1-1 [S1A0]

## 1. 4-door Sedan

# SPECIFICATIONS

## 1. 4-door Sedan

### A: DIMENSIONS

Model			2500
			AWD
Overall length	mm (in)		4,685 (184.4)
Overall width	mm (in)		1,745 (68.7)
Overall height (at CW)	mm (in)		1,415 (55.7)
Compartment	Leg room	Front Max. mm (in)	1,101 (43.3)
		Rear Min. mm (in)	868 (34.2)
	Head room	Front Max. mm (in)	987 (38.9), 967 (38.1)*1
		Rear Min. mm (in)	930 (36.6)
	Shoulder room	Front Max. mm (in)	1,368 (53.9)
		Rear Min. mm (in)	1,362 (53.6)
Wheelbase	mm (in)		2,650 (104.3)
Tread	Front mm (in)		1,460 (57.5)
	Rear mm (in)		1,460 (57.5)
Minimum road clearance	M.L.V.W. mm (in)		115 (4.5)
	C.W. mm (in)		155 (6.1)

\*1: with sun roof

### B: ENGINE

Model			2500
Engine type	Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine		
Valve arrangement	Overhead camshaft type		
Bore x Stroke	mm (in)		99.5 x 79.0 (3.917 x 3.110)
Displacement	cm <sup>3</sup> (cu in)		2,457 (149.9)
Compression ratio	10.0		
Firing order	1 — 3 — 2 — 4		
Idle speed at Park/Neutral position	rpm		650 (MT), 700 (AT)
Maximum output	kW (HP)/rpm		123 (165)/5,600
Maximum torque	N.m (kg-m, ft-lb)/rpm		226 (23.0, 166)/3,600

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1. 4-door Sedan**C: ELECTRICAL**

Model		2500	
Ignition timing at idling speed		BTDC/rpm	$10^{\circ} \pm 10^{\circ}/650$ (MT), $10^{\circ} \pm 10^{\circ}/700$ (AT)
Spark plug	Type and manufacturer		CHAMPION: RC10YC4 (Standard) NGK: BKR6E-11 CHAMPION: RC8YC4 NIPPONDENSO: K20PR-U11
Alternator		12V — 90A	
Battery	Reserve capacity	min	90 (MT), 110 (AT)
	Cold cranking amperes	amp.	430 (MT), 490 (AT)

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**SPECIFICATIONS****D: TRANSMISSION**

Model		2500	
		AWD	
Transmission type		5MT*1	4AT*2
Clutch type		DSPD	TCC
Gear ratio	1st	3.454	2.785*3, 3.027*4
	2nd	2.062	1.545*3, 1.619*4
	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	Helical
		Gear ratio	1.000
	Final reduction	Type of gear	Hypoid
		Gear ratio	3.900*3, 4.111*4
Reduction gear (Rear drive)	Transfer reduction	Type of gear	Helical
		Gear ratio	1.000
	Final reduction	Type of gear	Hypoid
		Gear ratio	4.111*3, 4.444*4

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

\*3: L

\*4: GT

DSPD: Dry Single Plate Diaphragm

TCC: Torque Converter Clutch

**E: STEERING**

Type	Rack and Pinion
Turns, lock to lock	3.2
Minimum turning circle m (ft)	Curb to curb: 10.8 (35.5), Wall to wall: 11.4 (37.4)

**F: SUSPENSION**

Front	Macpherson strut type, Independent, Coil spring
Rear	Multi-link type, Independent, Coil spring

**G: BRAKE**

Model	with ABS
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	15 inch wheel	16 inch wheel
Size	P205/60R1590H	P205/55R1689H
Type	Steel belted radial, Tubeless	

## SPECIFICATIONS

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## I: CAPACITY

Model		2500	
		AWD	
		5MT	4AT
Fuel tank	ℓ (US gal, Imp gal)	64 (16.9, 14.1)	
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)
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, 0.6)	
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

## 1. U.S. SPEC. VEHICLE

Model		2500				
		AWD				
		L		GT		
		5MT*1	4AT*1	5MT*2	4AT*2	
Curb weight (C.W.)	Front	kg (lb)	810 (1,785)	837 (1,845)	819 (1,805)	846 (1,865)
	Rear	kg (lb)	642 (1,415)	644 (1,420)	651 (1,435)	653 (1,440)
	Total	kg (lb)	1,451 (3,200)	1,481 (3,265)	1,469 (3,240)	1,499 (3,305)
Gross vehicle weight (G.V.W.)	Front	kg (lb)	1,007 (2,220)			
	Rear	kg (lb)	989 (2,180)			
	Total	kg (lb)	1,995 (4,400)			

\*1: Includes the weights of P/W, P/D, A/C and C/C.

\*2: Includes the weights of P/W, P/D, A/C, C/C and Rear spoiler.

## 2. CANADA SPEC. VEHICLE

Model		2500			
		AWD			
		L		GT	
		4AT*1	5MT*2	4AT*2	
Curb weight (C.W.)	Front	kg (lb)	837 (1,845)	819 (1,805)	846 (1,865)
	Rear	kg (lb)	644 (1,420)	651 (1,435)	653 (1,440)
	Total	kg (lb)	1,481 (3,265)	1,469 (3,240)	1,499 (3,305)
Gross vehicle weight (G.V.W.)	Front	kg (lb)	1,007 (2,220)		
	Rear	kg (lb)	989 (2,180)		
	Total	kg (lb)	1,995 (4,400)		

\*1: Includes the weights of P/W, P/D, A/C and C/C.

\*2: Includes the weights of P/W, P/D, A/C, C/C and Rear spoiler.