

2. XV

A: DIMENSION

Model			5 door
Overall length		mm (in)	4,450 (175.2)
Overall width		mm (in)	1,780 (70.1)
Overall height (at C.W.)		mm (in)	1,615 (63.6)
Compartment	Length	mm (in)	2,005 (78.9)
	Width	mm (in)	1,490 (58.7)
	Height	mm (in)	Model without sunroof: 1,205 (47.4) Model with sunroof: 1,180 (46.5)
Wheelbase		mm (in)	2,635 (103.7)
Tread	Front	mm (in)	1,525 (60)
	Rear	mm (in)	1,525 (60)
Minimum road clearance		mm (in)	220 (8.7)

B: ENGINE

Model		2.0 L	2.0 L HEV
Engine type		Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke gasoline engine	
Valve arrangement		DOHC	
Bore × stroke		mm (in)	84.0 × 90.0 (3.31 × 3.54)
Displacement		cm ³ (cu in)	1,995 (121.73)
Compression ratio		10.5	10.8
Ignition order		1 — 3 — 2 — 4	
Idle speed at parking or neutral position		r/min	650±100
Maximum output		kW (HP)/[r/min]	110 (147)/6,200
Maximum torque		N·m (kgf-m, ft-lb)/[r/min]	196 (20.0, 145)/4,200

C: ELECTRICAL

Model		2.0 L	2.0 L HEV
Ignition timing (at idling)		BTDC MT: 12°±10° CVT: 16°±10°	10°±10°
Spark plug	Type and manufacturer	NGK: SILZKAR7B11	NGK: DILZKAR7B11
Generator		12 V — 130 A	—
Integrated starter generator (ISG)		—	12 V — 200 A
DC/DC converter		—	12 V — 130 A
Battery	Type and capacity (5HR)	12 V — 48 AH (55D23L)	12 V — 48 AH (55D23L) (12 volt auxiliary battery) 12 V — 41 AH (N55-R) (12 volt engine restart battery)
	CCA	390 A	390 A (12 volt auxiliary battery) 450 A (12 volt engine restart battery)
High voltage battery	Type and capacity (1HR)	—	100.8 V — 5.5 AH Ni-MH (nickel metal hydride) battery
Drive motor	kind	—	Three-phase AC synchronous motor
	Rated voltage	—	100 V
	Maximum output	—	10 kW [13.4 HP]
	Maximum torque	—	65 N·m [6.6 kgf-m]

SPECIFICATIONS

D: TRANSMISSION**1. MT**

Model			2.0 L DOHC non-turbo	
Transmission type			5MT	
Clutch type			DSPD	
Gear ratio		1st	3.545	
		2nd	1.888	
		3rd	1.296	
		4th	0.972	
		5th	0.780	
		Rev.	3.333	
Reduction gear (front)		Type of gear	Hypoid	
		Gear ratio	4.444	
Transfer reduction		Type of gear	Helical	
		Gear ratio	1.000	
Reduction gear (rear)	Final reduction	Type of gear	Hypoid	
		Gear ratio	4.444	

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

DSPD: Dry Single Plate Diaphragm

2. CVT

Model			2.0 L DOHC non-turbo	2.0 L DOHC motor hybrid
Transmission type			CVT	CVT (HEV)
Clutch type			TCC	
Gear ratio		Forward	3.581 — 0.570	3.420 — 0.544
		Rev.	3.667	3.502
Reduction gear (front)	Final reduction	Type of gear	Hypoid	
		Gear ratio	3.700	
Transfer reduction ratio			1.000	
Reduction gear (rear)		Type of gear	Hypoid	
		Gear ratio	3.700	

TCC: Torque Converter Clutch

CVT: Forward continuously variable speed change, 1-reverse

E: STEERING

Model		2.0 L	2.0 L HEV
Type		Rack and pinion	
Turns, lock to lock		2.8	
Minimum turning diameter		m (ft)	5.3 (17.39)

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	Solid disc brake
Parking brake	Mechanical on rear brakes

H: TIRE

Model	2.0 L	2.0 L HEV
Rim size	17 × 7J	
Tire size	P225/55R17 95H	
	225/55R17 97V	—
Type	Tubeless, steel belted radial	

I: CAPACITY

Model		2.0 L		2.0 L HEV
		5MT	CVT	CVT
Fuel tank	L (US gal, Imp gal)	60 (15.9, 13.2)		52 (13.7, 11.4)
Engine oil	Total capacity (at overhaul) L (US qt, Imp qt)	5.7 (6.0, 5.0)		
	When replacing engine oil and oil filter L (US qt, Imp qt)	4.8 (5.1, 4.2)		
	When replacing engine oil only L (US qt, Imp qt)	4.6 (4.9, 4.0)		
Transmission gear oil	L (US qt, Imp qt)	3.5 (3.7, 3.1)	—	—
CVTF	L (US qt, Imp qt)	—	11.68 — 12.18 (12.3 — 12.9, 10.3 — 10.7)	13.67 — 14.17 (14.4 — 15.0, 12.0 — 12.5)
Front differential gear oil	L (US qt, Imp qt)	—	1.14 — 1.24 (1.2 — 1.3, 1.0 — 1.1)	1.3 — 1.4 (1.4 — 1.5, 1.1 — 1.2)
Rear differential gear oil	L (US qt, Imp qt)	0.8 (0.8, 0.7)		
Engine coolant	L (US qt, Imp qt)	8.0 (8.5, 7.0)	8.4 (8.9, 7.4)	8.2 (8.7, 7.2)

SPECIFICATIONS

J: WEIGHT

Model		5 door					
		2.0 i-Premium					
Transmission		5MT					
OP code		U5	U5	C5	C5	C5	C4
		3A	3E	3A	PE	RU	RB
Curb weight (C.W.)	Total	kg (lb)	1,410 (3,108)	1,410 (3,108)	1,410 (3,108)	1,410 (3,108)	1,410 (3,108)
	Front	kg (lb)	825 (1,819)	825 (1,819)	825 (1,819)	825 (1,819)	820 (1,808)
	Rear	kg (lb)	585 (1,290)	585 (1,290)	585 (1,290)	585 (1,290)	590 (1,301)
Gross vehicle weight (G.V.W.)		kg (lb)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)
Gross axle weight (G.A.W.)	Front	kg (lb)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)
	Rear	kg (lb)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)	1,000 (2,205)
Option	Aluminum wheel		○	○	○	○	○
	Keyless access with push button start		—	—	—	—	—
	Auto A/C		—	—	○	○	○
	Manual A/C		○	○	—	—	—
	Leather package		—	—	—	○	○
	Genuine leather seat		—	—	—	—	—
	Standard audio		○	○	○	○	○
	Premium audio		—	—	—	—	—
	Navigation		—	—	—	—	—
	Side airbag		○	○	○	○	○
	Curtain airbag		○	○	○	○	○
	HID headlight		—	—	—	○	—
	Cold weather package		—	○	—	○	—
	Privacy glass		○	○	○	○	—
	Sunroof		—	—	—	○	—

Model			5 door							
			2.0 i-Premium							
Transmission			CVT							
OP code			U5	U5	U5	U5	C5	C5	C5	C4
			3A	3E	3S	VS	3A	PE	RU	RB
Curb weight (C.W.)	Total	kg (lb)	1,445 (3,186)	1,445 (3,186)	1,445 (3,186)	1,445 (3,186)	1,445 (3,186)	1,445 (3,186)	1,445 (3,186)	1,450 (3,197)
	Front	kg (lb)	865 (1,907)	865 (1,907)	865 (1,907)	865 (1,907)	865 (1,907)	865 (1,907)	865 (1,907)	865 (1,907)
	Rear	kg (lb)	580 (1,279)	580 (1,279)	580 (1,279)	580 (1,279)	580 (1,279)	580 (1,279)	580 (1,279)	585 (1,290)
Gross vehicle weight (G.V.W.)		kg (lb)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)
Gross axle weight (G.A.W.)	Front	kg (lb)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)
	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)
Option	Aluminum wheel		○	○	○	○	○	○	○	○
	Keyless access with push button start		—	—	—	—	—	—	—	—
	Auto A/C		—	—	—	—	—	○	○	○
	Manual A/C		○	○	○	○	○	—	—	—
	Leather package		—	—	—	—	—	—	○	○
	Genuine leather seat		—	—	—	—	—	—	—	—
	Standard audio		○	○	○	—	○	○	○	○
	Premium audio		—	—	—	—	—	—	—	—
	Navigation		—	—	—	○	—	—	—	—
	Side airbag		○	○	○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○	○	○
	HID headlight		—	—	—	—	—	—	○	—
	Cold weather package		—	○	○	○	—	○	○	—
	Privacy glass		○	○	○	○	○	○	○	—
	Sunroof		—	—	○	○	—	—	○	—

SPECIFICATIONS

Model			5 door			5 door						
			2.0 i-Premium EyeSight			2.0 i-Limited						2.0 i-Limited EyeSight
Transmission			CVT			5MT	CVT					
OP code			U5	U5	C5	C5	U5	U5	C5	C4	U5	C5
			VE	3E	TU	HU	QE	ES	HU	SR	ES	EU
Curb weight (C.W.)	Total	kg (lb)	1,445 (3,186)	1,445 (3,186)	1,445 (3,186)	1,410 (3,108)	1,455 (3,208)	1,455 (3,208)	1,455 (3,208)	1,460 (3,219)	1,455 (3,208)	1,455 (3,208)
	Front	kg (lb)	865 (1,907)	865 (1,907)	865 (1,907)	825 (1,819)	875 (1,929)	875 (1,929)	875 (1,929)	875 (1,929)	875 (1,929)	875 (1,929)
	Rear	kg (lb)	580 (1,279)	580 (1,279)	580 (1,279)	585 (1,290)	580 (1,279)	580 (1,279)	580 (1,279)	585 (1,290)	580 (1,279)	580 (1,279)
Gross vehicle weight (G.V.W.)		kg (lb)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)	1,970 (4,343)
Gross axle weight (G.A.W.)	Front	kg (lb)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)	1,010 (2,227)
	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		○	○	○	○	○	○	○	○	○	○
	Keyless access with push button start		—	—	○	—	—	○	—	○	○	○
	Auto A/C		—	—	○	○	○	○	○	○	○	○
	Manual A/C		○	○	—	—	—	—	—	—	—	—
	Leather package		—	—	○	○	○	○	○	○	○	○
	Genuine leather seat		—	—	—	○	○	○	○	○	○	○
	Standard audio		—	—	○	—	—	—	—	—	—	—
	Premium audio		—	○	—	—	○	—	—	○	—	—
	Navigation		○	—	—	○	—	○	○	—	○	○
	Side airbag		○	○	○	○	○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○	○	○	○	○
	HID headlight		—	—	○	○	—	—	○	○	—	○
	Cold weather package		○	○	○	○	○	○	○	○	○	○
	Privacy glass		○	○	○	○	○	○	○	—	○	○
	Sunroof		—	—	○	○	—	○	○	○	○	○

Model			5 door HEV					
			2.0 i-Premium				2.0 i-Limited	
Transmission			CVT					
OP code			U5	C5	C5	C5	U5	C5
			TE	PS	TS	TU	ES	EU
Curb weight (C.W.)	Total	kg (lb)	1,565 (3,450)	1,560 (3,439)	1,565 (3,450)	1,565 (3,450)	1,570 (3,461)	1,570 (3,461)
	Front	kg (lb)	935 (2,061)	930 (2,050)	935 (2,061)	935 (2,061)	940 (2,072)	940 (2,072)
	Rear	kg (lb)	630 (1,389)	630 (1,389)	630 (1,389)	630 (1,389)	630 (1,389)	630 (1,389)
Gross vehicle weight (G.V.W.)		kg (lb)	2,120 (4,674)	2,120 (4,674)	2,120 (4,674)	2,120 (4,674)	2,120 (4,674)	2,120 (4,674)
Gross axle weight (G.A.W.)	Front	kg (lb)	1,110 (2,447)	1,110 (2,447)	1,110 (2,447)	1,110 (2,447)	1,110 (2,447)	1,110 (2,447)
	Rear	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)
Option	Aluminum wheel		○	○	○	○	○	○
	Keyless access with push button start		○	—	○	○	○	○
	Auto A/C		○	○	○	○	○	○
	Manual A/C		—	—	—	—	—	—
	Leather package		○	—	○	○	○	○
	Genuine leather seat		—	—	—	—	○	○
	Standard audio		○	○	○	○	—	—
	Premium audio		—	—	—	—	—	—
	Navigation		—	—	—	—	○	○
	Side airbag		○	○	○	○	○	○
	Curtain airbag		○	○	○	○	○	○
	HID headlight		—	—	—	○	—	○
	Cold weather package		○	○	○	○	○	○
	Privacy glass		○	○	○	○	○	○
	Sunroof		—	○	○	○	○	○

PRECAUTION

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