

Specifications

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Standards and Service Limits

Engine Electrical

Item	Measurement	Qualification	Standard or New	Service Limit
Ignition coil	Rated voltage		12 V	
	Firing order		1—3—4—2	
Spark plug	Type		NGK: SILKR8A-S	
	Gap		0.7—0.8 mm (0.028—0.031 in.)	—
Ignition timing	At idle	In N or P position	14±2 ° BTDC	
	Check the <i>red</i> mark			
Drive belt	Tension		Auto-tensioner	
Alternator	Output	At 13.5 V and normal engine temperature	105 A	
	Coil (rotor) resistance	At 68 °F (20 °C)	3.2—4.0 Ω	
	Slip ring O.D.		14.4 mm (0.57 in.)	14.0 mm (0.55 in.)
	Brush length		10.5 mm (0.41 in.)	1.5 mm (0.06 in.)
	Brush spring tension		3.2 N (0.33 kgf, 0.7 lbf)	
Starter	Output		1.6 kW	
	Commutator mica depth		0.40—0.50 mm (0.016—0.020 in.)	0.15 mm (0.006 in.)
	Commutator runout		0.02 mm (0.001 in.) max.	0.05 mm (0.002 in.)
	Commutator O.D.		28.0—28.1 mm (1.10—1.11 in.)	27.5 mm (1.08 in.)
	Brush length		11.1—11.5 mm (0.44—0.45 in.)	4.3 mm (0.17 in.)
	Brush spring tension		13.7—17.7 N (1.40—1.80 kgf, 3.09—3.97 lbf)	

Engine Assembly

Item	Measurement	Qualification	Standard or New
Compression	Pressure	Minimum	930 kPa (9.5 kgf/cm ² , 135 psi)
	Check the engine with the starter cranking	Maximum	200 kPa (2.0 kgf/cm ² , 28 psi)
		variation	

Cylinder Head

Item	Measurement	Qualification	Standard or New	Service Limit
Head	Warpage		———	0.05 mm (0.002 in.)
	Height		103.95—104.05 mm (4.093—4.096 in.)	———
Camshaft	End play		0.05—0.20 mm (0.002—0.008 in.)	0.4 mm (0.02 in.)
	Camshaft-to-holder oil clearance	No. 1 journal	0.030—0.069 mm (0.001—0.003 in.)	0.15 mm (0.006 in.)
		No. 2, 3, 4, 5 journals	0.060—0.099 mm (0.002—0.004 in.)	0.15 mm (0.006 in.)
	Total runout		0.03 mm (0.001 in.) max.	0.04 mm (0.002 in.)
	Cam lobe height	Intake, primary	33.925 mm (1.3356 in.)	———
		Intake, secondary	29.638 mm (1.1668 in.)	———
		Exhaust	34.092 mm (1.3422 in.)	———
Valve	Clearance (cold)	Intake	0.21—0.25 mm (0.008—0.010 in.)	———
		Exhaust	0.28—0.32 mm (0.011—0.013 in.)	———
	Stem O.D.	Intake	5.475—5.485 mm (0.2156—0.2159 in.)	5.445 mm (0.214 in.)
		Exhaust	5.450—5.460 mm (0.2146—0.2150 in.)	5.420 mm (0.213 in.)
	Stem-to-guide clearance	Intake	0.030—0.055 mm (0.0012—0.0022 in.)	0.08 mm (0.003 in.)
		Exhaust	0.055—0.080 mm (0.0022—0.0031 in.)	0.11 mm (0.004 in.)
Valve seat	Width	Intake	1.25—1.55 mm (0.049—0.061 in.)	2.00 mm (0.079 in.)
		Exhaust	1.25—1.55 mm (0.049—0.061 in.)	2.00 mm (0.079 in.)
	Stem installed height	Intake	44.0—44.5 mm (1.73—1.75 in.)	44.7 mm (1.76 in.)
		Exhaust	44.1—44.6 mm (1.74—1.76 in.)	44.8 mm (1.76 in.)
Valve spring	Free length	Intake	47.61 mm (1.874 in.)	———
		Exhaust	49.64 mm (1.954 in.)	———
Valve guide	I.D.	Intake	5.515—5.530 mm (0.2171—0.2177 in.)	5.55 mm (0.219 in.)
		Exhaust	5.515—5.530 mm (0.2171—0.2177 in.)	5.55 mm (0.219 in.)
	Installed height	Intake	15.2—16.2 mm (0.598—0.638 in.)	———
		Exhaust	15.5—16.5 mm (0.610—0.650 in.)	———
Rocker arm	Arm-to-shaft clearance	Intake	0.025—0.052 mm (0.0010—0.0020 in.)	0.08 mm (0.003 in.)
		Exhaust	0.018—0.056 mm (0.0007—0.0022 in.)	0.08 mm (0.003 in.)

Standards and Service Limits

Engine Block

Item	Measurement	Qualification	Standard or New	Service Limit
Block	Warpage of deck		0.07 mm (0.003 in.) max.	0.10 mm (0.004 in.)
	Bore diameter	A or I	86.010—86.020 mm (3.3862—3.3866 in.)	86.070 mm (3.3886 in.)
		B or II	86.000—86.010 mm (3.3858—3.3862 in.)	86.070 mm (3.3886 in.)
	Bore taper		———	0.05 mm (0.002 in.)
	Reboring limit		———	0.25 mm (0.01 in.)
Piston	Skirt O.D. at 10 mm (0.4 in.) from bottom of skirt	/ (slash)	85.980—85.990 mm (3.3850—3.3854 in.)	85.930 mm (3.3831 in.)
		B	85.970—85.980 mm (3.3846—3.3850 in.)	85.920 mm (3.3827 in.)
	Clearance in cylinder		0.020—0.040 mm (0.0008—0.0016 in.)	0.05 mm (0.002 in.)
	Ring groove width	Top	1.535—1.565 mm (0.0604—0.0616 in.)	1.25mm (0.049 in.)
		Second	1.230—1.240 mm (0.0484—0.0488 in.)	1.25mm (0.049 in.)
		Oil	2.010—2.020 mm (0.0791—0.0795 in.)	2.05mm (0.081 in.)
Piston ring	Ring-to-groove clearance	Top	0.045—0.090 mm (0.0018—0.0035 in.)	0.13 mm (0.005 in.)
		Second	0.040—0.065 mm (0.0016—0.0026 in.)	0.13 mm (0.005 in.)
		Oil	0.020—0.050 mm (0.0008—0.0020 in.)	0.08 mm (0.003 in.)
	Ring end gap	Top	0.20—0.30 mm (0.008—0.012 in.)	0.60 mm (0.024 in.)
		Second	0.40—0.50 mm (0.016—0.020 in.)	0.75 mm (0.030 in.)
		Oil	0.10—0.30 mm (0.004—0.012 in.)	0.80 mm (0.031 in.)
Piston pin	O.D.		21.962—21.965 mm (0.8646—0.8648 in.)	21.953 mm (0.8643 in.)
	Pin-to-piston clearance		—0.005 to +0.002 mm (—0.00020 to +0.00008 in.)	0.005 mm (0.0002 in.)
Connecting rod	Pin-to-rod clearance		0.005—0.014 mm (0.0002—0.0006 in.)	0.02 mm (0.0008 in.)
	Small-end bore diameter		21.970—21.976 mm (0.8650—0.8652 in.)	———
	Large-end bore diameter		51.0 mm (2.01 in.)	———
	End play installed on crankshaft		0.15—0.35 mm (0.006—0.014 in.)	0.40 mm (0.016 in.)
Crankshaft	Main journal diameter	No. 1 journal	54.984—55.008 mm (2.1648—2.1657 in.)	———
		No. 2 journal		
		No. 4 journal		
		No. 5 journal		
		No. 3 journal	54.976—55.000 mm (2.1644—2.1654 in.)	———
	Rod journal diameter		47.976—48.000 mm (1.8888—1.8898 in.)	———
	Rod/main journal taper		0.004 mm (0.0002 in.) max.	0.010 mm (0.0004 in.)
	Rod/main journal out-of-round		0.005 mm (0.0002 in.) max.	0.010 mm (0.0004 in.)
Crankshaft bearing	End play		0.10—0.35 mm (0.004—0.014 in.)	0.45 mm (0.018 in.)
	Runout		0.02 mm (0.0008 in.) max.	0.04 mm (0.0016 in.)
	Main bearing-to-journal oil clearance	No. 1 journal	0.017—0.041 mm (0.0007—0.0016 in.)	0.050 mm (0.0020 in.)
No. 2 journal				
No. 4 journal				
No. 5 journal				
No. 3 journal	0.025—0.049 mm (0.0010—0.0019 in.)	0.055 mm (0.0022 in.)		
Rod bearing clearance		0.033—0.064 mm (0.0013—0.0025 in.)	0.077 mm (0.0030 in.)	

Engine Lubrication

Item	Measurement	Qualification	Standard or New	Service Limit
Engine oil	Capacity	Engine overhaul	5.8 L (6.1 US qt)	
		Oil change including filter	4.7 L (5.0 US qt)	
		Oil change without filter	4.5 L (4.8 US qt)	
Oil pump	Inner-to-outer rotor clearance		0.10—0.17 mm (0.004—0.007 in.)	0.20 mm (0.008 in.)
	Pump housing-to-outer rotor clearance		0.035—0.090 mm (0.0014—0.0035 in.)	0.23 mm (0.009 in.)
	Pump housing-to-outer rotor axial clearance		0.030—0.075 mm (0.0012—0.0030 in.)	0.12 mm (0.005 in.)
	Balancer shafts, journal diameter	No. 1 journal, front shaft	19.938—19.950 mm (0.7850—0.7854 in.)	19.92 mm (0.784 in.)
		No. 1 journal, rear shaft	23.938—23.950 mm (0.9424—0.9429 in.)	23.92 mm (0.942 in.)
		No. 2 journal, front and rear shaft	32.949—32.961 mm (1.2972—1.2977 in.)	32.93 mm (1.296 in.)
	Balancer shafts, journal taper		0.005 mm (0.0002 in.) max.	—
	Balancer shafts, end play	Front	0.060—0.140 mm (0.0024—0.0055 in.)	0.14 mm (0.0055 in.)
		Rear	0.060—0.140 mm (0.0024—0.0055 in.)	0.14 mm (0.0055 in.)
	Balancer shafts, shaft-to-bearing clearance	No. 1 journal, front shaft	0.050—0.082 mm (0.0020—0.0032 in.)	0.10 mm (0.004 in.)
		No. 1 journal, rear shaft	0.050—0.082 mm (0.0020—0.0032 in.)	0.10 mm (0.004 in.)
		No. 2 journal, front and rear shaft	0.060—0.120 mm (0.0024—0.0047 in.)	0.15 mm (0.006 in.)
	Balancer shaft bearings, I.D.	No. 1 journal, front shaft	20.000—20.020 mm (0.7874—0.7882 in.)	20.03 mm (0.789 in.)
		No. 1 journal, rear shaft	24.000—24.020 mm (0.9449—0.9457 in.)	24.03 mm (0.946 in.)
		No. 2 journal, front and rear shaft	33.021—33.069 mm (1.3000—1.3019 in.)	33.09 mm (1.303 in.)
	Relief valve, oil pressure with oil temperature at 176 °F (80 °C)	At idle	70 kPa (0.7 kgf/cm ² , 10 psi) min.	
		At 3,000 rpm	300 kPa (3.1 kgf/cm ² , 44 psi) min.	

Standards and Service Limits

Cooling System

Item	Measurement	Qualification	Standard or New
Radiator	Coolant capacities (including engine, heater, hoses, and reservoir) Use Acura Long Life Antifreeze/ Coolant Type 2	Engine overhaul	8.4 L (2.22 US gal)
		Coolant change	7.0 L (1.85 US gal)
Coolant reservoir	Coolant capacity		0.7 L (0.18 US gal)
Radiator cap	Opening pressure		93—123 kPa (0.95—1.25 kgf/cm ² , 14—18 psi)
Thermostat	Opening temperature	Begins to open	169—176 °F (76—80 °C)
		Fully open	194 °F (90 °C)
	Valve lift at fully open		8.0 mm (0.31 in.)

Fuel and Emissions

Item	Measurement	Qualification	Standard or New
Fuel pressure regulator	Pressure with fuel pressure regulator vacuum hose disconnected		320—370 kPa (3.3—3.8 kgf/cm ² , 47—54 psi)
Fuel tank	Capacity		68 L (18 US gal)
Engine idle	Idle speed without load	In N or P position	720±50 rpm
	Idle speed with high electrical load (A/C switch ON, temperature set to Max Cool, blower fan on High, rear window defogger ON, and headlights on high beam)	In N or P position	720±50 rpm

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Automatic Transmission and A/T Differential

Item	Measurement	Qualification	Standard or New	Service Limit
Automatic transmission fluid	Capacity	Fluid change	3.3 L (3.5 US qt)	
	Use Acura ATF-Z1	Overhaul	7.8 L (8.2 US qt)	
ATF pressure	Line pressure	At 2,000 rpm in N or P position	950—1,010 kPa (9.7—10.3 kgf/cm ² , 140—146 psi)	900 kPa (9.2 kgf/cm ² , 130 psi)
	5th clutch pressure	At 2,000 rpm in 5th gear	940—1,020 kPa (9.6—10.4 kgf/cm ² , 140—148 psi)	890 kPa (9.1 kgf/cm ² , 130 psi)
	4th clutch pressure	At 2,000 rpm in 4th gear	940—1,020 kPa (9.6—10.4 kgf/cm ² , 140—148 psi)	890 kPa (9.1 kgf/cm ² , 130 psi)
	3rd clutch pressure	At 2,000 rpm in 3rd gear	940—1,020 kPa (9.6—10.4 kgf/cm ² , 140—148 psi)	890 kPa (9.1 kgf/cm ² , 130 psi)
	2nd clutch pressure	At 2,000 rpm in 2nd gear	940—1,020 kPa (9.6—10.4 kgf/cm ² , 140—148 psi)	890 kPa (9.1 kgf/cm ² , 130 psi)
	1st clutch pressure	At 2,000 rpm in 1st gear	940—1,020 kPa (9.6—10.4 kgf/cm ² , 140—148 psi)	890 kPa (9.1 kgf/cm ² , 130 psi)
	1st-hold clutch pressure	At 2,000 rpm in 1st gear	760—830 kPa (7.7—8.5 kgf/cm ² , 110—120 psi)	710 kPa (7.2 kgf/cm ² , 100 psi)
Torque converter	Stall speed Check with vehicle on level ground		1,950 rpm	1,800—2,100 rpm
Clutch	Clutch end-plate-to-top-disc clearance	1st	—	1.15—1.35 mm (0.045—0.053 in.)
		2nd	—	1.00—1.02 mm (0.039—0.047 in.)
		3rd	—	0.8—1.0 mm (0.031—0.039 in.)
		4th, 5th	—	0.75—0.95 mm (0.030—0.037 in.)
		1st-hold	—	0.6—1.0 mm (0.024—0.039 in.)
	Clutch return spring free length	1st	68.3 mm (2.69 in.)	66.3 mm (2.61 in.)
		2nd	48.3 mm (1.90 in.)	46.3 mm (1.82 in.)
		3rd	52.0 mm (2.05 in.)	50.0 mm (1.97 in.)
		4th	37.4 mm (1.47 in.)	35.4 mm (1.39 in.)
		5th	50.0 mm (1.97 in.)	48.0 mm (1.89 in.)
	Clutch disc thickness		1.94 mm (0.076 in.)	—
	Clutch plate thickness	1st	1.6 mm (0.063 in.)	When discolored
		2nd	1.8 mm (0.071 in.)	When discolored
		3rd	2.0 mm (0.079 in.)	When discolored
		4th, 5th	1.6 mm (0.063 in.)	When discolored
		1st-hold	1.8 mm (0.071 in.)	When discolored
	1st clutch end plate thickness	Mark 1	3.1 mm (0.122 in.)	When discolored
		Mark 2	3.2 mm (0.126 in.)	When discolored
		Mark 3	3.3 mm (0.130 in.)	When discolored
		Mark 4	3.4 mm (0.134 in.)	When discolored
		Mark 5	3.5 mm (0.138 in.)	When discolored
		Mark 6	3.6 mm (0.142 in.)	When discolored
		Mark 7	3.7 mm (0.146 in.)	When discolored
		Mark 8	3.8 mm (0.150 in.)	When discolored
		Mark 9	3.9 mm (0.154 in.)	When discolored
	1st-hold clutch plate B thickness		5.0 mm (0.197 in.)	When discolored

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Standards and Service Limits

Automatic Transmission and A/T Differential (cont'd)

Item	Measurement	Qualification	Standard or New	Service Limit
Clutch (cont'd)	2nd, 3rd, 4th, and 5th clutch end plate thickness	Mark 1	2.1 mm (0.083 in.)	When discolored
		Mark 2	2.2 mm (0.087 in.)	When discolored
		Mark 3	2.3 mm (0.091 in.)	When discolored
		Mark 4	2.4 mm (0.094 in.)	When discolored
		Mark 5	2.5 mm (0.098 in.)	When discolored
		Mark 6	2.6 mm (0.102 in.)	When discolored
		Mark 7	2.7 mm (0.106 in.)	When discolored
		Mark 8	2.8 mm (0.110 in.)	When discolored
		Mark 9	2.9 mm (0.114 in.)	When discolored
Stator shaft	I.D. at needle bearing contact area	Torque converter side	27.000—27.021 mm (1.063—1.064 in.)	When worn or damaged
		ATF pump side	31.000—31.025 mm (1.220—1.221 in.)	—
	I.D. at mainshaft sealing ring contact area		31.000—31.025 mm (1.220—1.221 in.)	31.05 mm (1.222 in.)
ATF pump	Gear-to-body thrust clearance		0.03—0.06 mm (0.001—0.002 in.)	0.07 mm (0.003 in.)
	Gear-to-body clearance	Drive gear	0.210—0.265 mm (0.008—0.010 in.)	—
		Driven gear	0.070—0.125 mm (0.003—0.005 in.)	—
	Driven gear I.D.		14.016—14.034 mm (0.5518—0.5525 in.)	When worn or damaged
	Driven gear shaft O.D.		13.980—13.990 mm (0.5504—0.5508 in.)	When worn or damaged
Reverse shift fork	Fork finger thickness		5.90—6.00 mm (0.220—0.236 in.)	5.4 mm (0.213 in.)
Park gear and pawl	—		—	When worn or damaged
Regulator valve body	Shift fork shaft bore I.D.		14.000—14.010 mm (0.5512—0.5516 in.)	—
	Shift fork shaft/servo valve bore I.D.		37.000—37.039 mm (1.4567—1.4582 in.)	37.045 mm (1.4585 in.)
	Mainshaft sealing ring contact I.D.		31.000—31.025 mm (1.220—1.221 in.)	31.05 mm (1.222 in.)
Main valve body	Third shaft sealing ring contact I.D.		35.000—35.025 mm (1.3780—1.3789 in.)	35.05 mm (1.3799 in.)
ATF guide collar	Secondary shaft sealing ring contact I.D.		29.000—29.021 mm (1.1417—1.1426 in.)	29.05 mm (1.1437 in.)
Mainshaft	Diameter at stator shaft needle bearing contact area		22.984—23.000 mm (0.9049—0.9055 in.)	When worn or damaged
	5th gear collar diameter at needle bearing contact area		39.975—39.991 mm (1.5738—1.5744 in.)	When worn or damaged
	5th gear collar length		48.7—48.8 mm (1.917—1.921 in.)	—
	5th gear collar flange thickness		5.15—5.30 mm (0.203—0.209 in.)	When worn or damaged
	5th gear I.D.		46.000—46.016 mm (1.8110—1.8116 in.)	When worn or damaged
	5th gear axial clearance		0.10—0.22 mm (0.004—0.009 in.)	—
	Sealing ring thickness		1.90—1.96 mm (0.074—0.077 in.)	1.85 mm (0.073 in.)
	Sealing ring groove width		2.025—2.060 mm (0.080—0.081 in.)	2.08 mm (0.082 in.)

Item	Measurement	Qualification	Standard or New	Service Limit
Countershaft	Diameter at bearing contact area	Torque converter housing bearing	40.505—40.515 mm (1.5947—1.5951 in.)	When worn or damaged
		5th gear	34.975—34.991 mm (1.3770—1.3776 in.)	When worn or damaged
	Diameter of 2nd gear at needle bearing contact area		61.975—61.991 mm (2.2400—2.2406 in.)	When worn or damaged
	Reverse gear collar O.D.		39.979—40.000 mm (1.5740—1.5748 in.)	When worn or damaged
	Reverse selector hub O.D.		55.885—55.900 mm (2.200—2.201 in.)	When worn or damaged
	Cotter thickness	4th gear	1.99—2.02 mm (0.078—0.080 in.)	—
		2nd gear	7.74—7.52 mm (0.295—0.296 in.)	—
	I.D. of gears	5th gear	41.000—41.016 mm (1.6142—1.6148 in.)	When worn or damaged
		Idler gear	70.000—70.019 mm (2.7559—2.7567 in.)	When worn or damaged
		Reverse gear	46.000—46.016 mm (1.8110—1.8116 in.)	When worn or damaged
	Axial clearance of gears	2nd gear	0.005—0.040 mm (0.0002—0.0016 in.)	—
		5th gear	0.12—0.27 mm (0.0047—0.0106 in.)	—
		Idler gear	0.005—0.040 mm (0.0002—0.0016 in.)	—
		Reverse gear	0.10—0.25 mm (0.0039—0.0098 in.)	—
	61 mm washer thickness	A	1.525 mm (0.0600 in.)	When worn or damaged
		B	1.505 mm (0.0593 in.)	When worn or damaged
		C	1.485 mm (0.0585 in.)	When worn or damaged
		D	1.465 mm (0.0577 in.)	When worn or damaged
		E	1.445 mm (0.0569 in.)	When worn or damaged
		F	1.425 mm (0.0561 in.)	When worn or damaged
		G	1.405 mm (0.0553 in.)	When worn or damaged
	50.8 mm washer thickness	A	1.91 mm (0.0752 in.)	When worn or damaged
		B	1.93 mm (0.0760 in.)	When worn or damaged
		C	1.95 mm (0.0768 in.)	When worn or damaged
		D	1.97 mm (0.0776 in.)	When worn or damaged
		E	1.99 mm (0.0783 in.)	When worn or damaged
		F	2.01 mm (0.0791 in.)	When worn or damaged
		G	2.03 mm (0.0794 in.)	When worn or damaged
		H	2.05 mm (0.0807 in.)	When worn or damaged
		I	2.07 mm (0.0815 in.)	When worn or damaged
		J	2.09 mm (0.0823 in.)	When worn or damaged
		K	2.11 mm (0.0831 in.)	When worn or damaged
		L	2.13 mm (0.0839 in.)	When worn or damaged
		M	2.15 mm (0.0846 in.)	When worn or damaged
		N	2.17 mm (0.0854 in.)	When worn or damaged
		O	2.19 mm (0.0862 in.)	When worn or damaged
		P	2.21 mm (0.0870 in.)	When worn or damaged
		Q	2.23 mm (0.0878 in.)	When worn or damaged
		R	2.25 mm (0.0886 in.)	When worn or damaged
		S	2.27 mm (0.0894 in.)	When worn or damaged
		T	2.29 mm (0.0902 in.)	When worn or damaged
		U	2.31 mm (0.0909 in.)	When worn or damaged
		V	2.33 mm (0.0917 in.)	When worn or damaged
		W	2.35 mm (0.0925 in.)	When worn or damaged
		X	2.37 mm (0.0933 in.)	When worn or damaged
		Y	2.39 mm (0.0941 in.)	When worn or damaged
		Z	2.41 mm (0.0949 in.)	When worn or damaged
		AA	2.43 mm (0.0957 in.)	When worn or damaged
		AB	2.45 mm (0.0965 in.)	When worn or damaged
	Thrust washer thickness		3.00 mm (0.118 in.)	When worn or damaged

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Standards and Service Limits

Automatic Transmission and A/T Differential (cont'd)

Item	Measurement	Qualification	Standard or New	Service Limit
Secondary shaft	Diameter at bearing contact area	2nd gear	43.986—43.999 mm (1.7317—1.7322 in.)	When worn or damaged
		Torque converter housing bearing	32.002—32.015 mm (1.2599—1.2604 in.)	When worn or damaged
		Torque converter housing bearing (shaft end side)	28.592—28.608 mm (1.1257—1.1263 in.)	When worn or damaged
	Diameter of 1st gear collar at needle bearing contact area		38.975—38.991 mm (1.5344—1.5351 in.)	When worn or damaged
	I.D. of gears	1st gear	44.000—44.013 mm (1.7323—1.7328 in.)	When worn or damaged
		2nd gear	50.00—50.02 mm (1.9685—1.9693 in.)	When worn or damaged
	Axial clearance of gears	1st gear	0.100—0.130 mm (0.0039—0.0051 in.)	—
		2nd gear	0.060—0.228 mm (0.0024—0.0090 in.)	—
	52 mm thrust washer thickness	M	2.405 mm (0.095 in.)	When worn or damaged
		L	2.430 mm (0.096 in.)	When worn or damaged
		K	2.455 mm (0.097 in.)	When worn or damaged
		J	2.480 mm (0.098 in.)	When worn or damaged
		I	2.505 mm (0.099 in.)	When worn or damaged
		H	2.530 mm (0.100 in.)	When worn or damaged
		G	2.555 mm (0.101 in.)	When worn or damaged
		F	2.580 mm (0.102 in.)	When worn or damaged
		E	2.605 mm (0.103 in.)	When worn or damaged
		D	2.630 mm (0.104 in.)	When worn or damaged
		C	2.655 mm (0.105 in.)	When worn or damaged
		B	2.680 mm (0.106 in.)	When worn or damaged
		A	2.705 mm (0.106 in.)	When worn or damaged
	1st gear collar length		63.3—63.4 mm (2.4921—2.4961 in.)	—
	Sealing ring thickness		1.91—1.97 mm (0.075—0.078 in.)	1.86 mm (0.073 in.)
	Sealing ring groove width		2.025—2.060 mm (0.080—0.081 in.)	2.08 mm (0.082 in.)
	ATF feed pipe O.D.	1st clutch	11.47—11.48 mm (0.4516—0.4520 in.)	11.45 mm (0.4508 in.)
		1st-hold clutch	5.97—5.98 mm (0.2350—0.2354 in.)	5.95 mm (0.2343 in.)
	Feed pipe bushing I.D.	1st clutch	11.518—11.530 mm (0.4535—0.4539 in.)	11.545 mm (0.4545 in.)
		1st-hold clutch	6.018—6.030 mm (0.2369—0.2374 in.)	6.045 mm (0.2380 in.)

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Item	Measurement	Qualification	Standard or New	Service Limit
Secondary shaft (cont'd)	65 mm thrust shim thickness	0A	0.80 mm (0.031 in.)	When worn or damaged
		A	0.84 mm (0.033 in.)	When worn or damaged
		B	0.88 mm (0.035 in.)	When worn or damaged
		C	0.92 mm (0.036 in.)	When worn or damaged
		D	0.96 mm (0.038 in.)	When worn or damaged
		E	1.00 mm (0.039 in.)	When worn or damaged
		F	1.04 mm (0.041 in.)	When worn or damaged
		G	1.08 mm (0.043 in.)	When worn or damaged
		H	1.12 mm (0.044 in.)	When worn or damaged
		I	1.16 mm (0.046 in.)	When worn or damaged
		J	1.20 mm (0.047 in.)	When worn or damaged
		K	1.24 mm (0.049 in.)	When worn or damaged
		L	1.28 mm (0.050 in.)	When worn or damaged
		M	1.32 mm (0.052 in.)	When worn or damaged
		N	1.36 mm (0.054 in.)	When worn or damaged
		O	1.40 mm (0.055 in.)	When worn or damaged
		P	1.44 mm (0.057 in.)	When worn or damaged
		Q	1.48 mm (0.058 in.)	When worn or damaged
		R	1.52 mm (0.060 in.)	When worn or damaged
		S	1.56 mm (0.061 in.)	When worn or damaged
		T	1.60 mm (0.063 in.)	When worn or damaged
		U	1.64 mm (0.065 in.)	When worn or damaged
		V	1.68 mm (0.066 in.)	When worn or damaged
		W	1.72 mm (0.068 in.)	When worn or damaged
		X	1.76 mm (0.069 in.)	When worn or damaged
		Y	1.80 mm (0.071 in.)	When worn or damaged
		Z	1.84 mm (0.072 in.)	When worn or damaged
		AA	1.88 mm (0.074 in.)	When worn or damaged
		AB	1.92 mm (0.076 in.)	When worn or damaged
		AC	1.96 mm (0.077 in.)	When worn or damaged
		AD	2.00 mm (0.079 in.)	When worn or damaged
		AE	2.04 mm (0.080 in.)	When worn or damaged
		AF	2.08 mm (0.082 in.)	When worn or damaged
		AG	2.12 mm (0.083 in.)	When worn or damaged
		AH	2.16 mm (0.085 in.)	When worn or damaged
		AI	2.20 mm (0.087 in.)	When worn or damaged
		AJ	2.24 mm (0.088 in.)	When worn or damaged
		AK	2.28 mm (0.090 in.)	When worn or damaged
		AL	2.32 mm (0.091 in.)	When worn or damaged

(cont'd)

Standards and Service Limits

Automatic Transmission and A/T Differential (cont'd)

Item	Measurement	Qualification	Standard or New	Service Limit
Intermediary shaft	I.D. of 3rd gear		36.000—36.016 mm (1.4173—1.4179 in.)	When worn or damaged
	Axial clearance of 3rd gear		0.005—0.045 mm (0.0002—0.0018 in.)	—
	Cotter thickness		2.99—3.02 mm (0.1177—0.1189 in.)	—
	Sealing ring thickness		1.89—1.95 mm (0.0744—0.0768 in.)	1.84 mm (0.0724 in.)
	Sealing ring groove width		2.025—2.060 mm (0.080—0.081 in.)	2.08 mm (0.082 in.)
	53 mm splined washer thickness	A	3.995 mm (0.1573 in.)	When worn or damaged
		B	4.015 mm (0.1581 in.)	When worn or damaged
		C	4.035 mm (0.1589 in.)	When worn or damaged
		D	4.055 mm (0.1596 in.)	When worn or damaged
		E	4.075 mm (0.1604 in.)	When worn or damaged
		F	4.095 mm (0.1612 in.)	When worn or damaged
		G	4.115 mm (0.1620 in.)	When worn or damaged
		H	4.135 mm (0.1628 in.)	When worn or damaged
		I	4.155 mm (0.1636 in.)	When worn or damaged
		J	4.175 mm (0.1644 in.)	When worn or damaged
		K	4.195 mm (0.1652 in.)	When worn or damaged
		L	4.215 mm (0.1659 in.)	When worn or damaged
		M	4.235 mm (0.1667 in.)	When worn or damaged
		N	4.255 mm (0.1675 in.)	When worn or damaged
	26.5 mm washer thickness	A	1.05 mm (0.041 in.)	When worn or damaged
		B	1.13 mm (0.044 in.)	When worn or damaged
		C	1.21 mm (0.048 in.)	When worn or damaged
		D	1.29 mm (0.051 in.)	When worn or damaged
		E	1.37 mm (0.054 in.)	When worn or damaged
		F	1.45 mm (0.057 in.)	When worn or damaged
		G	1.53 mm (0.060 in.)	When worn or damaged
		H	1.61 mm (0.063 in.)	When worn or damaged
		I	1.69 mm (0.067 in.)	When worn or damaged
		J	1.77 mm (0.070 in.)	When worn or damaged
		K	1.85 mm (0.073 in.)	When worn or damaged
		L	1.93 mm (0.076 in.)	When worn or damaged
		M	2.01 mm (0.079 in.)	When worn or damaged
		N	2.09 mm (0.082 in.)	When worn or damaged
Reverse idler gear	Gear shaft O.D.		13.99—14.00 mm (0.5508—0.5512 in.)	When worn or damaged
	I.D. of transmission housing of gear shaft contact area		14.006—14.024 mm (0.5514—0.5521 in.)	—
	I.D.		18.007—18.020 mm (0.7089—0.7094 in.)	When worn or damaged
	Axial clearance		0.07—0.38 mm (0.003—0.015 in.)	—
	Thrust washer thickness	Transmission housing	0.97—1.05 mm (0.038—0.041 in.)	—
		Holder side	0.97—1.05 mm (0.038—0.041 in.)	—

Item	Measurement	Qualification	Standard or New			
			Wire Diameter	O.D.	Free Length	No. of Coil
Main valve body spring (see page 14-330)	Torque converter check valve spring		1.1 mm (0.043 in.)	8.6 mm (0.339 in.)	35.0 mm (1.378 in.)	12.6
	Lock-up shift valve spring		1.0 mm (0.039 in.)	6.6 mm (0.260 in.)	35.5 mm (1.398 in.)	18.2
	Shift valve E spring		0.7 mm (0.028 in.)	6.6 mm (0.260 in.)	42.4 mm (1.669 in.)	17.6
	Shift valve A spring		0.9 mm (0.035 in.)	6.6 mm (0.260 in.)	50.5 mm (1.988 in.)	23.3
	Shift valve B spring		0.8 mm (0.031 in.)	6.6 mm (0.260 in.)	49.1 mm (1.933 in.)	21.7
	Modulator valve spring		1.6 mm (0.063 in.)	10.4 mm (0.409 in.)	33.5 mm (1.319 in.)	9.8
	CPC valve A spring		0.7 mm (0.028 in.)	6.1 mm (0.240 in.)	17.8 mm (0.701 in.)	7.9
	Servo control valve spring		0.9 mm (0.035 in.)	9.6 mm (0.378 in.)	30.2 mm (1.189 in.)	8.4
	Lubrication control valve spring		0.9 mm (0.035 in.)	8.7 mm (0.343 in.)	25.0 mm (0.984 in.)	7.2
	Lock-up timing valve spring		0.6 mm (0.024 in.)	6.6 mm (0.260 in.)	30.8 mm (1.213 in.)	11.1
	Relief valve spring		1.0 mm (0.039 in.)	9.6 mm (0.378 in.)	28.1 mm (1.106 in.)	7.7
Secondary valve body spring (see page 14-332)	CPC valve C spring		0.7 mm (0.028 in.)	6.1 mm (0.240 in.)	17.8 mm (0.701 in.)	7.9
	Shift valve D spring		0.7 mm (0.028 in.)	6.6 mm (0.260 in.)	42.4 mm (1.669 in.)	17.6
	Reverse CPC valve spring		0.8 mm (0.031 in.)	6.1 mm (0.240 in.)	24.4 mm (0.961 in.)	14.6
	Shift valve C spring		0.8 mm (0.031 in.)	6.6 mm (0.260 in.)	49.1 mm (1.933 in.)	21.7
	CPC valve B spring		0.7 mm (0.028 in.)	6.1 mm (0.240 in.)	17.8 mm (0.701 in.)	7.9
	Reverse control valve spring		0.8 mm (0.031 in.)	6.6 mm (0.260 in.)	49.1 mm (1.933 in.)	21.7
Regulator valve body spring (see page 14-333)	3rd accumulator spring		3.1 mm (0.122 in.)	19.6 mm (0.772 in.)	41.4 mm (1.630 in.)	5.5
	Cooler check valve spring		0.9 mm (0.035 in.)	6.7 mm (0.264 in.)	31.5 mm (1.240 in.)	14.2
	Lock-up control valve spring		0.7 mm (0.028 in.)	6.6 mm (0.260 in.)	42.9 mm (1.689 in.)	14.2
			0.8 mm (0.031 in.)	6.6 mm (0.260 in.)	44.3 mm (1.744 in.)	25.5
	Regulator valve spring B		1.4 mm (0.055 in.)	8.8 mm (0.346 in.)	44.0 mm (1.732 in.)	12.0
	Regulator valve spring A		1.85 mm (0.073 in.)	14.7 mm (0.579 in.)	86.9 mm (3.421 in.)	16.2
	Stator reaction spring		5.5 mm (0.217 in.)	37.4 mm (1.472 in.)	30.3 mm (1.193 in.)	2.1

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Standards and Service Limits

Automatic Transmission and A/T Differential (cont'd)

Item	Measurement	Qualification	Standard or New			
			Wire Diameter	O.D.	Free Length	No. of Coil
Accumulator body spring (see page 14-334)	4th accumulator spring		3.3 mm (0.130 in.)	19.6 mm (0.772 in.)	39.1 mm (1.539 in.)	5.8
	2nd accumulator spring		3.1 mm (0.122 in.)	19.6 mm (0.772 in.)	53.4 mm (2.102 in.)	7.5
	1st accumulator spring A		2.3 mm (0.091 in.)	19.6 mm (0.772 in.)	60.8 mm (2.394 in.)	9.5
	1st accumulator spring B		2.5 mm (0.098 in.)	12.8 mm (0.504 in.)	46.0 mm (1.811 in.)	9.5
	5th accumulator spring A		2.4 mm (0.106 in.)	19.6 mm (0.772 in.)	65.5 mm (2.579 in.)	12.0
	5th accumulator spring B		2.4 mm (0.094 in.)	13.2 mm (0.520 in.)	50.5 mm (1.988 in.)	10.1
	1st-hold accumulator spring		2.0 mm (0.079 in.)	13.1 mm (0.516 in.)	42.9 mm (1.689 in.)	9.8

Item	Measurement	Qualification	Standard or New	Service Limit
A/T differential carrier	Pinion shaft contact area I.D.		18.000—18.025 mm (0.7087—0.7096 in.)	—
	Carrier-to-pinion shaft clearance		0.013—0.054 mm (0.0005—0.0021 in.)	0.1 mm (0.004 in.)
	Driveshaft contact area I.D.		30.025—30.055 mm (1.182—1.183 in.)	—
	Carrier-to-driveshaft clearance		0.045—0.096 mm (0.002—0.004 in.)	0.13 mm (0.005 in.)
	Carrier-to-intermediate shaft clearance		0.080—0.126 mm (0.003—0.005 in.)	—
	Tapered roller bearing starting torque (preload)	For new bearing	3.9—5.1 N-m (40—52 kgf-cm, 35—45 lbf-in.)	Adjust
		For used bearing	3.6—4.8 N-m (37—49 kgf-cm, 32—43 lbf-in.)	Adjust
A/T differential pinion gear	Backlash		0.4—1.3 mm (0.016—0.051 in.)	—
	I.D.		18.042—18.066 mm (0.7103—0.7113 in.)	—
	Pinion gear-to-pinion shaft clearance		0.055—0.095 mm (0.0022—0.0037 in.)	0.12 mm (0.005 in.)

Item	Measurement	Qualification	Standard or New	Service Limit
Transfer output shaft	Diameter at bearing contact area	Transmission housing side	21.977—21.990 mm (0.8652—0.8657 in.)	21.92 mm (0.8630 in.)
		Torque converter housing side	40.002—40.018 mm (1.5749—1.5755 in.)	39.95 mm (1.5728 in.)
	Axial clearance		0—0.39 mm (0—0.015 in.)	—
	28.5 mm thrust washer thickness	A	1.82 mm (0.0717 in.)	When worn or damaged
		B	1.84 mm (0.0724 in.)	When worn or damaged
		C	1.86 mm (0.0732 in.)	When worn or damaged
		D	1.88 mm (0.0740 in.)	When worn or damaged
		E	1.90 mm (0.0748 in.)	When worn or damaged
		F	1.92 mm (0.0756 in.)	When worn or damaged
		G	1.94 mm (0.0764 in.)	When worn or damaged
		H	1.96 mm (0.0772 in.)	When worn or damaged
		I	1.98 mm (0.0780 in.)	When worn or damaged
		J	2.00 mm (0.0787 in.)	When worn or damaged
		K	2.02 mm (0.0795 in.)	When worn or damaged
		L	2.04 mm (0.0803 in.)	When worn or damaged
		M	2.06 mm (0.0811 in.)	When worn or damaged
		N	2.08 mm (0.0819 in.)	When worn or damaged
		O	2.10 mm (0.0827 in.)	When worn or damaged
		P	2.12 mm (0.0835 in.)	When worn or damaged
		Q	2.14 mm (0.0843 in.)	When worn or damaged
		R	2.16 mm (0.0850 in.)	When worn or damaged
		S	2.18 mm (0.0858 in.)	When worn or damaged
		T	2.20 mm (0.0866 in.)	When worn or damaged
		U	2.22 mm (0.0874 in.)	When worn or damaged
		V	2.24 mm (0.0882 in.)	When worn or damaged
		W	2.26 mm (0.0890 in.)	When worn or damaged
		X	2.28 mm (0.0898 in.)	When worn or damaged
		Y	2.30 mm (0.0906 in.)	When worn or damaged
		Z	2.32 mm (0.0913 in.)	When worn or damaged
		AA	2.34 mm (0.0921 in.)	When worn or damaged
Transfer assembly fluid	Capacity Hypoid Gear Oil API classified GL4 or GL5 only SAE 90 or SAE 80W-90 viscosity	Fluid change	0.43 L (0.45 us qt)	
		Overhaul	0.45 L (0.48 us qt)	
Transfer assembly	Diameter of transfer hypoid drive gear/shaft assembly at tapered roller bearing contact area	Transfer cover side	50.002—50.018 mm (1.9686—1.9692 in.)	49.95 mm (1.9665 in.)
		Transfer gear side	24.987—25.000 mm (0.9837—0.9843 in.)	24.93 mm (0.9815 in.)
	Diameter of transfer output shaft (hypoid gear) at tapered roller bearing contact area	Transfer gear side	40.002—40.018 mm (1.5749—1.5755 in.)	39.95 mm (1.5728 in.)
		Companion flange side	27.975—27.990 mm (1.1014—1.1020 in.)	27.92 mm (1.0992 in.)
	Transfer gear backlash		0.06—0.16 mm (0.002—0.006 in.)	Adjust
	Tapered roller bearing total starting torque (preload)		2.75—4.65 N·m (28.0—47.4 kgf·cm, 24.3—41.1 lbf·in.)	Adjust

Standards and Service Limits

Rear Differential

Item	Measurement	Qualification	Standard or New
Rear differential fluid	Capacity	Fluid change	2.53 L (2.67 US qt)
	Use Acura ATF-Z1	Overhaul	2.77 L (2.93 US qt)

Steering

Item	Measurement	Qualification	Standard or New
Steering wheel	Rotational play measured at outside edge with engine running		0—10 mm (0—0.39 in.)
	Starting load measured at outside edge with engine running		29 N (3.0 kgf, 6.6 lbf)
Gearbox	Angle of rack guide screw loosened from locked position		15±5°
Pump	Output pressure with shut-off valve closed		8,150—8,850 kPa (83—90 kgf/cm ² , 1,180—1,280 psi)
Power steering fluid	Capacity	Reservoir	0.30 L (0.32 US qt)
	Use Acura Power Steering Fluid	System overhaul	0.9 L (0.96 US qt)

Suspension

Item	Measurement	Qualification	Standard or New	Service Limit
Wheel alignment	Camber	Front	0°10'±45'	
		Rear	−1°00'±45'	
	Camber (Maximum difference left to right)	Front	0°30'	
	Caster	Front	2°57'±1°	
	Total toe-in	Front	0±2 mm (0±0.08 in.)	
		Rear	2.5±2 mm (0.082±0.08 in.)	
	Front wheel turning angle	Inward	35°24'±2°	
		Outward	30°30' (reference)	
Wheel	Runout	Axial	0—0.7 mm (0—0.03 in.)	2.0 mm (0.08 in.)
		Radial	0—0.7 mm (0—0.03 in.)	1.5 mm (0.06 in.)
Wheel bearing	End play	Front	0—0.05 mm (0—0.002 in.)	
		Rear	0—0.05 mm (0—0.002 in.)	
Tire	Front and rear size		P235/55R18 99V M+S	
	Spare tire size		T165/80D17 104M	
	Pressure	Front and rear	220 kPa (2.2 kgf/cm ² , 32 psi)	
		Spare	420 kPa (4.2 kgf/cm ² , 60 psi)	

Brakes

Item	Measurement	Qualification	Standard or New	Service Limit
Parking brake	Distance traveled when pedal pressed with 294 N (30 kgf, 66 lbf) of force		6 to 7 clicks	
	Drum I.D.		199.9—200.0 mm (7.870—7.874 in.)	21 mm (7.913 in.)
	Shoe lining thickness		3.2 mm (0.126 in.)	1.0 mm (0.04 in.)
Brake pedal	Pedal height (carpet removed)		165 mm (6 1/2 in.)	
	Free play		1—5 mm (1/16—3/16 in.)	
Master cylinder	Piston-to-pushrod clearance		0 mm (0 in.)	
Brake disc	Thickness	Front	27.8—28.1 mm (1.09—1.11 in.)	26.0 mm (1.02 in.)
		Rear	8.9—9.1 mm (0.35—0.36 in.)	7.5 mm (0.30 in.)
	Runout	Front	—	0.04 mm (0.0016 in.)
	Parallelism		—	0.015 mm (0.0006 in.)
Brake pad	Pad thickness	Front	11.5—12.2 mm (0.45—0.48 in.)	1.6 mm (0.06 in.)
		Rear	8.3—9.0 mm (0.33—0.35 in.)	1.6 mm (0.06 in.)

Air Conditioning

Item	Measurement	Qualification	Standard or New
Refrigerant	Type		HFC-134a (R-134a)
	Capacity of system		450—500 g (15.9—17.6 oz)
Refrigerant oil	Type		SP-10 (P/N 38897-P13-A01AH or 38899-P13-A01)
	Capacity of components	Condenser	40 mL (1/3 fl-oz)
		Evaporator	40 mL (1 1/3 fl-oz)
		Each line and hose	10 mL (1/3 fl-oz)
		Compressor	75—85 mL (2 1/2—2 5/6 fl-oz)
Compressor	Field coil resistance	At 68 °F (20 °C)	3.15 —3.45 Ω
	Pulley-to-armature plate clearance		0.35—0.65 mm (0.014—0.026 in.)

Design Specifications

Item	Measurement	Qualification	Specification
DIMENSIONS	Overall length		4,590 mm (180.7 in.)
	Overall width		1,870 mm (73.6 in.)
	Overall height		1,655 mm (65.2 in.)
	Wheelbase		2,650 mm (104.3 in.)
	Track	Front	1,572 mm (61.9 in.)
		Rear	1,590 mm (62.6 in.)
	Seating capacity		Five (5)
WEIGHT	Gross Vehicle Weight Rating (GVWR)		2,220 kg (4,894 lbs)
ENGINE	Type		Water cooled, 4-stroke DOHC i-VTEC engine, with turbo charger
	Cylinder arrangement		Inline 4-cylinder, transverse
	Bore and stroke		86 x 99 mm (3.39 x 3.90 in.)
	Displacement		2,300 cm ³ (140.4 cu in.)
	Compression ratio		8.8
	Valve train		Chain drive, DOHC i-VTEC 4 valves per cylinder
	Lubrication system		Forced, wet sump, with trochoid pump
	Oil pump displacement	At 12,000 pump rpm	68 L (72 US qt)/minute
	Water pump displacement	At 6,000 pump rpm	120 L (127 US qt)/minute
	Fuel required		Premium UNLEADED gasoline with 91 Pump Octane Number or higher
STARTER	Type		Gear Reduction
	Nominal output		1.6 kW
	Nominal voltage		12 V
	Hour rating		30 seconds
	Direction of rotation		Clockwise as viewed from gear end
AUTOMATIC TRANSMISSION	Type		Electronically controlled automatic, 5-speed forward, 1 reverse, 3 element torque converter with lock-up clutch
	Primary reduction		Direct 1:1
	Gear ratio	1st	2.697
		2nd	1.606
		3rd	1.071
		4th	0.766
		5th	0.612
		Reverse	1.889
	Secondary reduction	Gear ratio	1.238
	Final reduction	Type	Single helical gear
		Gear ratio	4.533

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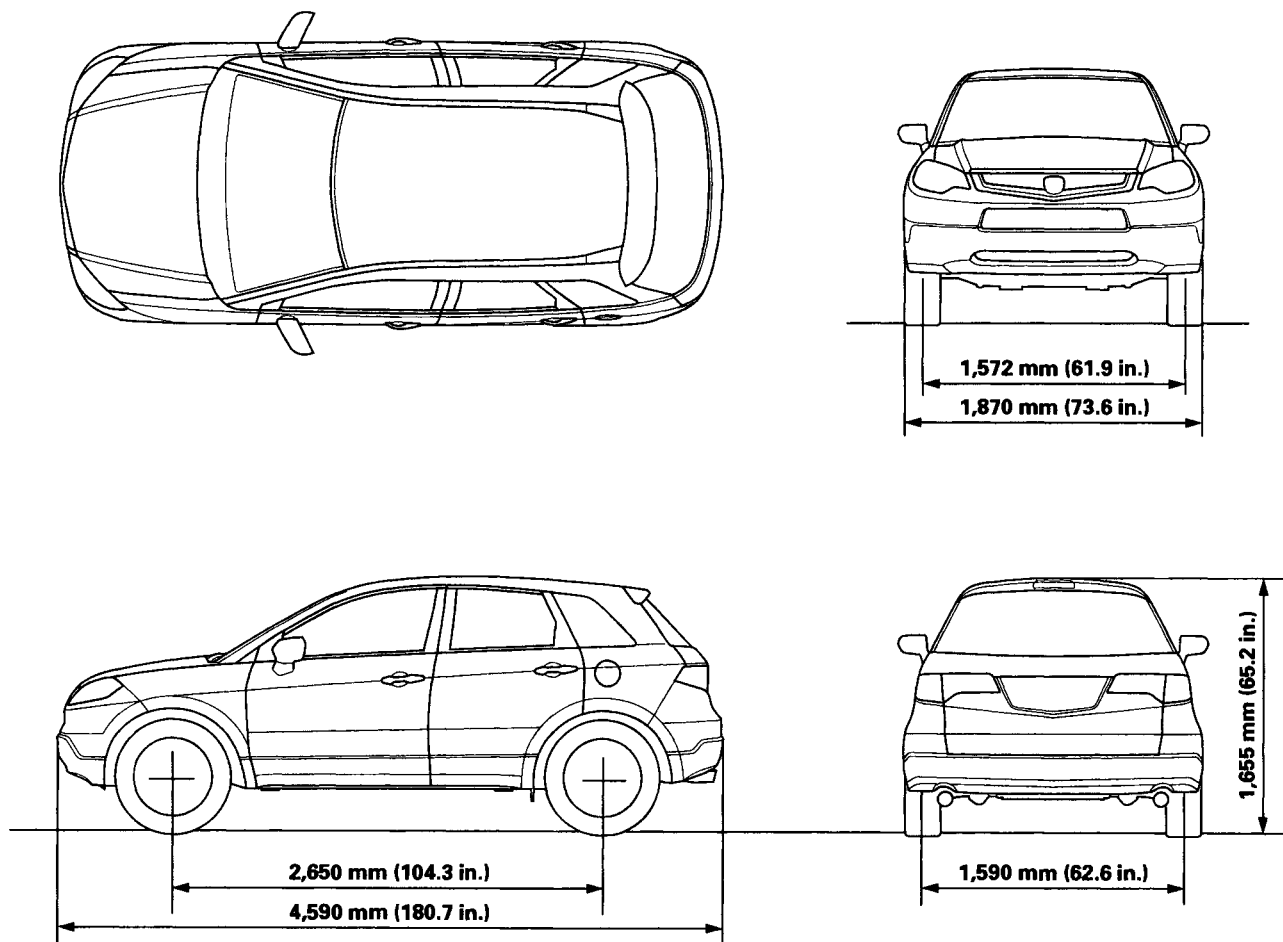
Item	Measurement	Qualification	Specification
STEERING	Type		Hydraulic power-assisted rack and pinion
	Overall ratio		15.6
	Turns, lock-to-lock		2.76
	Steering wheel diameter		380 mm (15.0 in.)
SUSPENSION	Type	Front	Independent McPherson with stabilizer, coil spring
		Rear	Independent double wishbone with stabilizer, coil spring
	Shock absorber	Front	Telescopic, hydraulic, nitrogen gas-filled
		Rear	Telescopic, hydraulic, nitrogen gas-filled
TIRES	Size of front and rear tires		P235/55R18 99V M+S
	Size of spare		T165/80D17 104M
WHEEL ALIGNMENT	Camber	Front	0 ° 10'
		Rear	— 1 ° 00'
	Caster	Front	2 ° 57'
	Total toe-in	Front	0 mm (0 in.)
		Rear	2.5 mm (0.082 in.)
BRAKES	Type of service brake	Front	Power-assisted self-adjusting ventilated disc
		Rear	Power-assisted self-adjusting solid disc
	Type of parking brake		Mechanical actuating, rear wheels
	Pad friction surface area	Front	60.5 cm ² (9.38 sq in.) x 2
Rear		27.9 cm ² (4.32 sq in.) x 2	
AIR CONDITIONING	Compressor	Type	Scroll
		Capacity	97.9 mL (5.97 cu in.)/rev.
		Maximum speed	10,000 rpm
		Lubricant capacity	75 mL (2 1/2 fl-oz)
		Lubricant type	SP-10
	Condenser	Type	Corrugated fin
	Evaporator	Type	Corrugated fin
	Blower	Type	Stabilized swirling flow
		Motor type	225 W/12 V
		Speed control	Infinite variable
		Maximum capacity	490 m ³ (17.276 cu ft)/h
		Temperature control	
	Compressor clutch	Type	Dry, single plate, poly V-belt drive
		Electrical power consumption at 68 °F (20 °C)	42 W maximum at 12 V
	Refrigerant	Type	HFC-134a (R-134a)
		Capacity	450—500 g (15.9—17.6 oz)

(cont'd)

Design Specifications

Item	Measurement	Qualification	Specification
ELECTRICAL RATINGS	Battery		12 V—65 Ah/20 HR (12 V—52 Ah/5 HR)
	Fuses	Under-hood fuse /relay box	100 A, 80 A, 50 A, 40 A, 30 A, 20 A, 15 A, 10 A, 7.5 A
		Auxiliary under-hood fuse/relay box	7.5 A
		Under-dash fuse/relay box	30 A, 20 A, 15 A, 10 A, 7.5 A
	Light bulbs	Headlight high beam	12 V—60 W (HB3)
		Headlight low beam	12 V—35 W (D2S) HID
		Fog light	12 V—55 W (H11)
		Front parking/turn signal lights	3/2.2 cp (two filaments) Amber Color
		Front side marker lights	3 cp
		Side turn signal lights	12 V—LED
		Rear turn signal lights	21 W
		Brake/Taillights	12 V—21/5 W (two filaments)
		Lid taillights	3 cp
		Rear side marker light	3 cp
		High-mount brake light	16 W
		Back-up lights	21 W
		License plate light	3 cp x 2
		Ceiling light	8 W
		Front individual map lights	5 W
		Vanity mirror lights	2 W
		Door courtesy lights	2 cp
		Cargo area light	5 W
		A/T gear position console light	1.4 W
		Glove box light	1.4 W
		Console box light	1.4 W
		Gauge lights	12 V—LED (non-replaceable)
		Indicator lights	12 V—LED, 14 V—0.56 W, 14V—0.84 W

Body Specifications



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