

MOTOR VEHICLE MANUFACTURERS SPECIFICATIONS

METRIC (U.S. Customary)

1997

Manufacturer HONDA MOTOR CO., LTD.	Vehicle Line HONDA DEL SOL	
Mailing Address No. 1-1, 2 chome, Minami - Aoyama, Minato - ku, Tokyo, Japan	Issued August-1996	Revised

Direct questions concerning these specifications to the manufacturer listed above.

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The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.

AAMA

Forms Provided by Engineering Affairs Division

Specifications

METRIC

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NOTE:

- 1 This form uses both SI Metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
- 2 UNLESS OTHERWISE INDICATED:
 - a Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b Nominal design dimensions are used throughout these specifications.
 - c All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
- 3 The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.
- 4 Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

Specifications

METRIC	UNIT	VALUE
1. Overall Dimensions		
Length	mm	1200
Width	mm	600
Height	mm	800
Weight	kg	150
2. Performance		
Throughput	ops/sec	1000
Latency	ms	10
Uptime	hrs	24/7
3. Compatibility		
OS Support		Windows, Linux, macOS
Hardware Support		Intel, AMD, ARM
4. Security		
Encryption		256-bit AES
Access Control		Role-based
5. Reliability		
MTBF	hrs	100,000
MTTR	hrs	2

Vehicle Line HONDA DEL SOL

Model Year 1997

Issued AUG. 1996

Revised (*)

Vehicle Origine

Design & development (Company)	HONDA R & G
Where built (country)	JAPAN
Authorized U.S. sales marketing representative	AMERICAN HONDA MOTOR

Vehicle Models

Model Description & Drive (FWD/RWD/4WD/4WD)*	Introduction Date	Make, Vehicle models, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load-Kilograms (Pounds)	EPA Fuel Economy (City/Hwy)
DEL SOL S (FWD)	July-1996	HONDA, DEL SOL, S, 2 DOOR CONVERTIBLE (5M/T : EH614) (4A/T : EH624)	2 (2/0)	45 (100)	33/39 (5M/T) 28/35 (4A/T)
DEL SOL Si (FWD)		HONDA, DEL SOL, Si, 2 DOOR CONVERTIBLE (5M/T : EH616) (4A/T : EH626)			30/36 (5M/T) 28/35 (4A/T)
DEL SOL VTEC (FWD)		HONDA, DEL SOL, VTEC, 2 DOOR CONVERTIBLE (5M/T : EG217) *1			26/30 (5M/T)

* FWD - Front Wheel Drive RWD - Rear Wheel Drive AWD - All Wheel Drive 4WD - Four Wheel Drive

*1 Equipped with ABS

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SEA J1349 Net bhp (brake horsepower) and Net Torque corrected to 77 °F/25°C and 29.61 in. Hg/100kPa atmospheric pressure.

			A	B	C	D	E
E N G I N E	Engine Code		D16Y7	D16Y7	D16Y8	D16Y8	B16A2
	Displacement Liters (in.3)		1590 (97)	1590 (97)	1590 (97)	1590 (97)	1595 (97)
	Induction system (FI, Carb, etc.)		FI	FI	FI	FI	FI
	Compression ratio		9.4	9.4	9.6	9.6	10.2
	SAE Net at RPM	Power kW (bhp)	79 (106) @6200	79 (106) @6200	94 (127) @6600	94 (127) @6600	119 (160) @7600
		Torque N.m (lb. ft.)	140 (103) @4600	140 (103) @4600	145 (107) @5500	145 (107) @5500	151 (111) @7000
	Exhaust single, dual		Single	Single	Dual	Dual	Dual
T R A N S	Transmission/t ransaxle		5M/T	4A/T	5M/T	4A/T	5M/T
	Effective Final Drive/ Axle Ratio (std. first)		4.058	4.357	4.250	4.357	4.400

[illegible]

*1 Equipped with ABS

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Model Year **1997** Issued **AUG. 1996** Revised (*)

Engine Description

Engine Code

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Engine - General

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)	Inline, Front Transverse, SOHC		Inline, Front Transverse, DOHC
Manufacturer	HONDA MOTOR		
No. of cylinders	4		
Bore	75.0		81.0
Stroke	90.0		77.4
Bore spacing (C/L to C/L)	84.0		90.0
Cylinder block material & mass kg (lbs.) (machined)	*1, 15.8 (34.8)		*1, 22.2
Cylinder block deck height	207	212	203
Cylinder block length	403		436
Deck clearance (minimum) (above or below block)	25, (Below block)		60, (Below block)
Cylinder head material & mass kg (lbs.)	*1, 8.1 (17.9)		*1, 12.8 (28.2)
Cylinder head volume cm3 (inches3)	34.6	32.8	42.7
Cylinder liner material	Cast iron alloy		
Head gasket thickness(compressed)	0.7 ±0.05		
Minimum combustion chamber total volume cm3 (inches3)	189.2	184.8	173.8
Cyl. no. system	L. Bank	Left to right : 1 - 2 - 3 - 4	
(fount to rear)	R. Bank		
	N.A.		
Firing order	1 - 3 - 4 - 2		
Intake manifold material & mass kg (lbs.)	*1, 2.3 (5.1)	*1, 3.7 (8.2)	*1, 3.8 (8.4)
Exhaust manifold material & mass kg (lbs.)	N.A.	*2, 4.3 (9.5)	*2, 6.5 (14.3)
Knock sensor (number & location)	N.A.	Yes	Yes
Fuel required unleaded, diesel, etc.	Unleaded		
Fuel antiknock index (R + M) ÷2	(91+81)/2=86, not less than 86		(96+86)/2=91, not less than 91
Engine mounts	Quantity	5	
	Material and type (elastomeric, hydroelastic, Hydraulic damper, etc.)	Rubber Elastomeric, Hydroelastic	
	Added isolation (sub-frame, crossmember, etc.)	Rear Beam	Sub-frame, Crossmember
Total dressed engine mass (wt) dry***	110.88	126.0	129.9

Engine - Pistons

Material & mass, g (weight, oz.)-piston only	*1, 222
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Engine - Camshaft

Location	Over Head Camshaft		
Material & mass kg (weight, lbs.)	*2, 2.3 (5.1)	*2, 2.6 (5.7)	*3, 2.2 (4.9)
Drive type	Chain/belt	Cogged belt	
	Width/pitch	24.0 / 9.53	26.0 / 9.53

* Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Finished state.

*** Dressed engine mass (weight) includes the following:

*1. Aluminum silicon alloy *2. Cast iron alloy *3. Power metal and steel shaft composite

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Engine - Valve System

Hydraulic liters (std., opt., n.a.)	N.A.	
Valves	Number intake/exhaust	8 / 8
	Head O.D. intake/exhaust	30.0 / 26.0
		33.0 / 28.0

Engine - Connecting Rods

Material & mass kg. (weight, lbs.)*	Forged iron, 0.43 (0.95)	Forged iron, 0.54 (1.19)
Length (axes C/L to C/L)	137 (5.39)	134 (5.28)

Engine - Crankshaft

Material & mass kg. (weight, lbs.)*	Cast iron, 13.9 (30.6)	Cast iron, 14.7 (32.4)
End thrust taken by bearing (no.)	2	
Length & number of main bearings	23, 5	20, 5
Seal (material, one, two piece design, etc.)	Front	Fluoric rubber, one piece
	Rear	Fluoric rubber, one piece

Engine - Lubrication System

Normal oil pressure kPa (psi) at engine rpm	350 (50.7) at 3000	more than 343 (50) at 3000
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part, other)	Full flow	
Capacity of c/case, less filter-refill-L (qt.)	3.0 (3.2)	4.0 (4.2)

Engine - Diesel Information

Diesel engine manufacturer	N.A.	
Glow plug, current drain at ϕ_1		
Injector nozzle	Type	
	Opening pressure kPa (psi)	
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel injection pump drive (belt, chain, gear)		
Supplementary vacuum source (type)		
Fuel heater (yes/no)		
Water separator, description (std., opt.)		
Turbo manufacturer		
Oil cooler-type (oil to engine coolant; oil to ambient air)		
Oil filter		

Engine - Intake system

Turbo charger - manufacturer	N.A.	
Super charger - manufacturer		
Intercooler		

* Finished State

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Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Std.	
Coolant fill location (rad., bottle)		Rad.	
Radiator cap relief valve pressure kPa (psi)		108±14.7 (15.6±2.1)	
Circulation	Type (choke, bypass)	Bypass	
Thermostat	Starts to open at °C (°F)	78 (172)	
Water Pump	Type (Centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	1000 rpm	
	Number of pumps	1	
	Drive (V-belt, other)	Timing belt drive	Cogged belt
	Bearing Type	Ball bearing	
	Impeller material	Steel	
	Housing material	Aluminum alloy	
By-pass recalculation type (inter., ext.)		External	
Cooling System Capacity	With heater -L (qt.)	M/T:4.2 (4.4) A/T:4.1 (4.3)	M/T:4.2 (4.4) A/T:4.3 (4.5) 4.8 (5.5)
	With air conditioner -L (qt.)	N.A.	
	Opt. equipment specify -L (qt.)	N.A.	
Water jackets open at head face (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Water jackets full length of cylinder (yes, no)		Yes	
Radiator Core	Std., A/C, HD	Std.	
	Type (cross-flow, etc.)	Down flow	
	Construction (fin & tube mechanical, braze, etc.)	Vertical, Fin & Tube	
	Material, mass kg (weight, lbs.)*	Aluminum	Brass, 2.6 (5.7)
	Width	353.4	350
	Height	349.2	350
	Thickness	16	M/T:16 A/T:27 27
Radiator end tank material	Fins per inch	M/T:10.2 A/T:11.3	M/T:11.3 A/T:8.5 9
		Nylon	
Fan	Std., electric, opt.	Std., Elec.	
	Number of blades & type (flex, solid, material)	4, Solid, Polypropylene	
	Number & location (front, rear of radiator)	1, Rear of radiator	
	Diameter & projected width	300, 40.5	
	Ratio (fan to crankshaft rev.)	N.A.	
	Fan cutout type	N.A.	
	Drive type (direct, remote)	Direct	
	RPM at idle (electric)	more than 2300	
	Motor rating (wattage/electric)	80	
	Motor switch (type & location/elec.)	Thermo Switch	
	Switch point (temp./pressure/elec.)	93±2°C	
	Fan shroud (material)	Polypropylene	

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Engine - Fuel System (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. of used)

Induction type: carburetor, fuel injection system, etc.		Fuel injection system	
Manufacturer		HONDA MOTOR	
Carburetor no. of barrels		N.A.	
Idle A/F mix.		14.7	
Fuel injection	Point of injection (no.)	Intake port (4)	
	Constant, pulse, flow	Sequential flow	
	Control (electronic, mech.)	Electronic	
	System pressure kPa (psi)	250.1 (36.3)	294 (42.7)
Idle spd. rpm (spec.neutral or drive and propane if used)	Manual	670 (Neutral)	700 (Neutral)
	Automatic	700 (Neutral)	N.A.
Intake manifold heat control (exhaust or water thermostatic or fixed)		Water, fixed	
Air cleaner type		Paper element	
Fuel filter (type/location)		Paper element / Behind engine	
Fuel pump	Type (elec. or mech.)	Electric	
	Location (eng., tank)	In fuel tank	
	Pressure range kPa (psi)	441 - 637 (64 - 92.4)	
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	55 (14.5) @ 250 (36.3)	80 (21.1) @ 294 (42.7)

Fuel Tank

Capacity refill L (gallons)		45 (11.9)
Location (describe)		Rear under floor
Attachment		Fuel tank band
Material & Mass kg (weight lbs.)		Tellurium, Steel & 9.5 (20.4)
Filler pipe	Location & material	LH side rear quarter panel, carbon steel
	Connection to tank	Flexible connecting tube
Fuel line (material)		Steel pipe
Fuel hose (material)		Fluoric rubber
Return line (material)		Steel pipe
Vapor line (material)		Steel pipe
Extended range tank	Opt., n.a.	N.A.
	Capacity L (gallons)	
	Location & material	
	Attachment	
Auxiliary tank	Opt., n.a.	N.A.
	Capacity L (gallons)	
	Location & material	
	Attachment	
	Selector switch or valve	
	Separate fill	

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Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		CAT	
	Air Injection	Pump or pulse	N.A.	
		Driven by	N.A.	
		Air distribution (head, manifold, etc.)	N.A.	
		Point of entry	N.A.	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	N.A.	
		Exhaust source	N.A.	
		Point of exhaust injection (spacer, carburetor, manifold, other)	N.A.	
	Catalytic Converter	Type	Feedback three way catalyst	
		Number of	1	
		Location(s)	Bench exh, manifold	Under floor
		Volume L (in.3)	Confidential	
		Substrate type	Confidential	
		Noble metal type	Confidential	
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction system (PCV)	
	Energy source (manifold vacuum, carburetor, other)		Manifold vacuum	
	Discharges to (intake manifold, other)		To intake manifold	
	Air inlet (breather cap, other)		Air intake pipe	
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister	
		Carburetor	N.A.	
	Vapor storage provision		Canister	
Electronic system	Closed loop (yes/no)		Yes	
	Open loop (yes/no)		No	

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single	Dual	Dual
Muffler no. & type (reverse flow, straight thru, separate resonator) Muffler Volume (liters), Material & Mass kg (lbs.)		SG-504 & Reverse flow 15.2 L *1, 7.3 (16.1)	SG-505 & Reverse flow 16.8 L *1, 8.3 (18.3)	1023 & Reverse flow *1, 8.0
Resonator no., type & volume (liters)		1, Single & 4.0 L	1, Single & 5.5 L	
Exhaust pipe	Branch o.d., wall thickness	N.A.	38.1, 1.0	N.A.
	Main o.d., wall thickness	38.1, 1.6	38.1, 1.0	54.0, 1.5
	Material & Mass kg (lbs.)	*1, 2.0 (4.4)	*1, 4.4 (9.7)	*1, 5.4 (11.9)
Intermediate pipe	O.d. & wall thickness	44.45, 1.6	41.3, 1.0	48.6, 1.6
	Material & Mass kg (lbs.)	*2, 7.6 (16.8)	*1, 8.0 (17.6)	*1, 8.1 (17.8)
Tail pipe	O.d. & wall thickness	44.45, 1.2	48.6, 1.2	48.6, 1.2
	Material & Mass kg (lbs.)	*1, 7.3 (16.1)	*1, 8.3 (18.3)	*1, 1.6 (3.5)

*1 Stainless steel

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Engine Description

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Transmission / Transaxle (Std., Opt., N.A.)

Manual 4-speed (manufacturer/country)	N.A.
Manual 5-speed (manufacturer/country)	N.A.
Manual 6 ¹ speed (manufacturer/country)	HONDA / JAPAN
Automatic (manufacturer/country)	N.A.
Automatic overdrive (manufacturer/country)	HONDA / JAPAN

Manual / Transmission / Transaxle

Number of forward speeds		5		
Gear ratios	1st	3.250	3.250	3.307
	2nd	1.782	1.909	2.105
	3rd	1.172	1.250	1.458
	4th	0.909	0.909	1.107
	5th	0.702	0.702	0.848
	6th	N.A.	N.A.	N.A.
	Reverse	3.153	3.153	3.000
Synchronous meshing (specify gears)		All forward gears		
Shift lever location		Floor		
Trans. case material & mass kg (lbs.)*		Aluminum silicon alloy, 11.7 (25.8)		
Lubricant	Capacity L (pt.)	1.9 (4.0)		
	Type recommended	API SF or SG, SAE 10w - 30 or 10w - 40		

Clutch (Manual Transmission)

Clutch manufacturer		F.C.C.
Clutch type (dry, wet; single, multiple disc)		Dry, Single
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic
Maximum pedal effort (nominal sprig load) N (lbs.)	Depressed	91.2 (20.5)
	Released	53.9 (12.1)
Assist (spring, power/percent, nominal)		Spring, 1.5±0.3 kgf
Type pressure plate springs		Diaphragm
Total spring load (nominal) N (lbs.)		3927 (892.9)
Clutch facing	Facing mfr. & material coding	F.C.C.
	Facing material & construction	Woven glasswool
	Rivets per facing	16
	Outside x inside dia. (nominal)	212X150
	Total eff. area cm ² (in. ²)	176
	Thickness (pressure plate side/flywheel side)	3.5
	Rivets depth (pressure plate side/flywheel side)	1.3
	Engagement cushion method	Disk plate spring
	Release bearing type & method lub.	Ball bearing
Torsional damping method, springs, hysteresis		Springs

* Includes shift linkage, lubricant, and clutch housing. If other specify.

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Automatic Transmission / Transaxle

Trade Name		Automatic		N.A.
Type and special features (describe)		4 speed automatic transmission with lock - up clutch		
Shift mechanics		Hydraulic, Mechanical		
Gear selector	Location (column, floor, other)	Floor		
	Ltr./No. designation (e.g. PRND21)	P - R - N - D4 - D3 -- 2 - 1 / 7		
	Shift interlock (yes, no, describe)	Yes		
Gear ratios	1st	2.600	2.600	
	2nd	1.469	1.469	
	3rd	0.927	0.975	
	4th	0.674	0.638	
	Reverse	1.954	1.954	
	Final drive ratio	4.357	4.357	
Max. upshift vehicle speed - drive range km/h (mph)		1-2 55 (34), 2-3 100 (62), 3-4 155 (96)	1-2 57 (35), 2-3 103 (64), 3-4 159 (99)	
Max. upshift engine speed RPM		5919 / 6086 / 5933	6098 / 6260 / 6383	
Max. kickdown speed - drive range km/h (mph)		4-3 134 (84), 3-2 93 (58), 2-1 41 (26)	4-3 138 (86), 3-2 94 (59), 2-1 43 (27)	
Min. overdrive speed km/h (mph)		N.A.		
Torque converter	Type	3 elements - 1 stage		
	Torus design	Axial flow		
	Number of elements	3		
	Max. ratio at stall	2.7	2.6	
	Type of cooling (air, liquid)	Air and Liquid		
	Nominal diameter	245 (9.65)		
	Capacity factor "K"	Not specified		
Pump type		5.9 (12.4)		
Lubricant	Capacity refill L (pt.)	DEXRON II		
	Type recommended	Outer gear pump (involute gear design)		
Oil cooler (std., opt., N.A. internal, external, air, liquid)		Std., External, Liquid		
Transmission mass kg (lbs.) & case material**		Aluminum silicon alloy		

All Wheel / 4 Wheel Drive

Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elect., chain/gear, etc.)		N.A.
Transfer case	Manufacturer and model	
	Type and location	
Low - range gear ratio		
System disconnect (describe)		
Center differential	Type (bevel, planetary, w or w/o	
	Viscous bias, torsion, etc.)	
	Torque split (% front/rear)	

* Input speed $\div \sqrt{\text{torque}}$

** Dry weight including torque converter. If other, specify.

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5M/T	4A/T	5M/T	4A/T	5M/T

Axle Ratio and Tooth Combinations (See "Power Teams" for axle ratio usage)

Effective final drive ratio (or overall top gear ratio)		4.058	4.357	4.250	4.357	4.400
Transfer ratio and method (chain, gear, etc.)		N.A.				
Front drive unit	Ring gear o.d.		187.0	180.0	190.4	180.0
	No. of teeth	Pinion	17	14	16	14
		Ring gear	69	61	68	61

Front Drive Unit

Description (integral to trans., etc.)		Helical gear
Limited slip differential (type)		N.A.
Drive pinion	Type	Straight bevel gear
	Offset	0
No. of differential pinions		2
Pinion/differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Shim
Driving wheel bearing (type)		Ball bearing
Lubricant	Capacity L (pt.)	Common in transmission lubricant
	Type recommended	Lubricated by transmission oil

Axle Shafts - Front Wheel Drive

Manufacturer and number used			HONDA MOTOR, 2				
Type (straight, solid bar, tubular, etc.)		Left	Straight, Solid bar				
		Right	Straight, Solid bar				
Outer diam.X length* x wall thickness	Manual transaxle	Left	23×722.7	N.A.	23×722.7	N.A.	25×420.4
		Right	23×450.2	N.A.	23×450.2	N.A.	25×420.4
	Automatic transaxle	Left	N.A.	23×722.7	N.A.	23×722.7	N.A.
		Right	N.A.	23×450.2	N.A.	23×450.2	N.A.
	Optional transaxle	Left	N.A.				
		Right	N.A.				
Slip yoke	Type		Inner : Tripod joint slide type Outer : Birfield double offset joint-slide type				
	Number of teeth		N.A.				
	Spline o.d.		N.A.				
Universal joints	Make and mfg. no.	Inner	NTN TOYO BEARING				
		Outer	NTN TOYO BEARING				
	Number used		Inner : 2 Outer : 2				
	Type, size, plunge	Inner	Constant velocity joint				
		Outer	Constant velocity joint				
	Attach (u-bolt, champ, etc.)		C - clip				
	Bearing	Type (plain, anti-friction)	Ball bearing, Anti - friction				
Lubrication (fitting, prepack)		Prepack					
Drive taken through (torque tube, arms or springs)			N.A.				
Torque taken through (torque tube, arms or springs)			N.A.				

* Centerline to centerline of universal joints, or to centerline of attachment.

Specifications

METRIC

Vehicle Line HONDA DEL SOL

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Revised (*)

Engine Description

Engine Code

N.A.

Axle Ratio and Tooth Combinations (See "Power Teams" for axle ratio usage)

Axle ratio (or overall top gear ratio)		N.A.
Ring gear o.d.		
No. of teeth	Pinion	
	Ring gear	

Rear Axle Unit

Description		N.A.
Limited slip differential (type)		
Drive pinion	Type	
	Offset	
No. of differential pinions		
Pinion/differential	Adjustment (shim, etc.)	
	Bearing adjustment	
Driving wheel bearing (type)		
Lubricant	Capacity L (pt.)	
	Type recommended	

Propeller Shaft - Rear Wheel Drive

Manufacturer			N.A.	
Type (straight tube, tube-in-tube, internal-external damper, etc.)				
Outer diam. x length* x wall thickness	Manual 4-speed transmission			
	Manual 5-speed transmission			
	Manual 6-speed transmission			
	Overdrive			
	Automatic transmission			
Intermediate bearing	Type (plain, anti-friction)			
	Lubrication (fitting, prepack)			
Slip yoke	Type			
	Number of teeth			
	Spline o.d.			
Universal joints	Make and mfg. no.	Front		
		Rear		
	Number used			
	Type (ball and trunion, cross)			
	Rear attach (u-bolt, clamp, etc.)			
	Bearing	Type (plain, anti-friction)		
		Lubrication (fitting, prepack)		
Drive taken through (torque tube, arms or springs)				
Torque taken through (torque tube, arms or springs)				

Specifications

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Suspension - General Including Electronic Controls

Car leveling	Standard/optional/not avail.	N.A.
	Manual/automatic control	
	Type (air/hydraulic)	
	Primary/assist spring	
	Rear only/4 wheel leveling	
	Single/dual rate spring	
	Single/dual ride heights	
Shock absorber damping controls	Provision for jacking	
	Standard/optional/not avail.	N.A.
	Manual/automatic control	
	Number of damping rates	
	Type of actuation (manual/electric motor/air, etc.)	
	Sensors	
	Lateral acceleration	
Shock absorber (front & rear)	Deceleration	
	Acceleration	
	Road surface	
	Type	Telescopic, Front : Hydraulic Rear : Nitrogen gas - filled
	Make	SHOWA
	Piston diameter	Front : 30 Rear : 30
	Rod diameter	Front : 12.5 Rear : 12.5

Suspension - Front

Type and description		Independent, Double wishbone with coil spring		
Travel	Full jounce (define load condition)	67.8		
	Full rebound	57.9		
Spring	Type (coil, leaf, other & material)	Coil, Spring steel		
	Insulators (type & material)	Mounting, Rubber		
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	382.6×58.0~73.6 for S M/T		
		394.0×58.0~73.0 for S A/T		
		→ 384.4×58.0~73.8 for Si		
		373.6×58.0~73.0 for VTEC		
Spring rate N / mm (lb. / in.)	M/T 31.1 (177.6) A/T 31.4		33.2 (189.6)	
	Rate at wheel N / mm (lb. / in.)	14.7 (83.9)		
Stabilizer	Type (link, linkless, frameless)	Link		
	Material & o.d. bar/tube, wall thickness	Spring steel, 21		Spring steel, 22

Suspension - Rear

Type and description				
Travel	Full jounce (define load condition).	Independent, Double wishbone with coil spring		
	Full rebound	96.4		
Spring	Type (coil, leaf, other & material)	Coil, Spring steel		
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	➔ 363.5×64.9~79.5		347.5×65.3 ~79.9
	Spring rate N / mm (lb. / in.)	17.7 (100.9)	18.6 (100.5)	
	Rate at wheel N / mm (lb. / in.)	10.8 (61.6)	11.4 (65.0)	
	Insulators (type & material)		Mounting, Rubber	
	If leaf	No. of leaves	N.A.	
		Shackle (comp. or tens.)	N.A.	
	Stabilizer	Type (link, linkless, frameless)	N.A.	Link
Material & o.d. bar/tube, wall thickness		N.A.	Spring steel, 13	Spring steel,15
Track bar (type)		N.A.		

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BRAKE - SERVICE

Description			Split service brake		
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)		AKEBONO, Disc		NISSIN, Disc
	Rear (disc or drum)		NISSIN, Drum		NISSIN, Disc
Valving type (proportion, delay, metering, other)			Proportion		
Power brake (std., opt., n.a.)			Power Assisted brake (Std.)		
Booster type (remote, integral, vac., hyd., etc.)			Vac.		
Vacuum	Source (inline, pump, etc.)		Inline		
	Reservoir (volume in.3)		N.A.		
	Pump-type (elec, gear driven, belt driven)		N.A.		
Traction assist	Operational speed range		N.A.		
	Type (engine or brake intervention)		N.A.		
Anti - lock device	Front/rear (std., opt., n.a.)		N.A.		Std. / Std.
	Manufacturer				HONDA
	Type (electronic, mech.)				Electronic
	Number of sensors or circuits				4
	Number anti - lock hydraulic circuits				3
	Integral or add - on system				Integral
	Yaw control (yes, no)				No
	Hydraulic power source (elec., vac., mtr., pwr., strg.)				Electronic
Effective area cm2 (in.2)*			F : 176.4 (27.3) R : 200.8 (31.1)	F : 176.4 (27.3) R : 84.0 (13.0)	F : 200.0 (31.0) R : 84.0 (13.0)
Gross Lining area cm2 (in.2)**(F/R)			182 (28.2) / 200.8 (31.1)		182 (28.2) / 84.0 (13.0) 200.0 (31.0) / 84.0 (13.0)
Swept area cm2 (in.2)*** (F/R)			1139.3 (176.6) / 1315.3 (48.87)		1139.3 (176.6) / 805.4 (124.87) 1320 (204.6) / 802.1 (124.4)
Rotor	Outer working diameter	F/R	240 / N.A.		240 / 239 262 / 239
	Inner working diameter	F/R	144 / N.A.		144 / 174 160 / 174
	Thickness	F/R			21 / 9
	Material & Type (vented/solid)	F/R	Cast iron, Vented / N.A.		Cast iron, Vented / Cast iron, solid
Drum	Diameter & width	F/R	N.A. / 180		N.A.
	Type & material	F/R	N.A. / Cast iron, Solid		N.A.
Wheel cylinder bore			F : 50.8 R : 19.1		F : 50.8 R : 30.2 F : 54.0 R : 30.2
Master cylinder		Bore/stroke F/R	20.6 / 30.2		22.2 / 30.0
Pedal arc ratio			3.8		
Line pressure at 445N (100 lb.) pedal load kPa (psi)			F:10395 (1508) R:3844 (558)		F:12161 (1764) R:4443 (644) F:12708 (1873) R:7003 (1015)
Lining clearance		F/R	Self adjusting / Self adjusting		
Braking Lining	Front Wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Rivet size		N.A.	
		Manufacturer		AKEBONO	
		Lining code *****		AK NS148HEE	
		Material		Resin mold	
		****	Primary or	115.7X47X9 116.1X50.1X10	
		Size	Secondary or	115.7X47X9 116.1X50.1X10	
		Shoe thickness (no lining)		9 6.5	
	Rear Wheel	Bonded or riveted (riveted/seg.)		Bonded	
		Manufacturer		NISSIN	
		Lining code *****		NBK D9071FF	JB ND90FF
		Material		Resin Mold	
		****	Primary ir	167.2X30X4.5 71X31X7.5	
		Size	Secondary or	167.2X30X4.5 71X31X7.6	
		Shoe thickness(no lining)		1.6 5.5	

* Excluding rivet holes, grooves, chamfers., etc.

** Includes rivet holes, grooves, chamfers, etc.

*** Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.)
(Disc brake: Square of Outer Working Dia. Minus Square of inner Working Dia. multiplied by Pi / 2 for each brake.)

**** Size for drum brakes includes length x width x thickness.

***** Manufacturer I.D. , catalog for formulation designation and coefficient of friction classification.

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Tire And Wheels (Standard)

Tires	Size (service description)		P175/70R13 82S	P185/60R14 82H	P195/60R14 85V
	Type (bias, radial, steel, nylon, etc.)		Radial		
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	220 (32)	200 (29)	
		Rear kPa (psi)	220 (32)	200 (29)	
	Rev./mile-at 70 km/h (45 mph)		890	887	
Wheels	Type & material		Disc	Aluminum	
	Rim (size & flange type)		13X5J	14X5 1/2JJ	
	Wheel offset		45		
	Attachment	Type (bolt or stud & nut)	Stud		
		Circle diameter	100		
Number & size		4, M12X1.5			
Spare	Tire and wheel		T105/80D13, 13X4T		T135/70D15, 15X4T
	Storage position & location (describe)		Luggage Compartment		

Tire And Wheels (Optional)

Tire size (service description)	N.A.
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (service description)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (service description)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (service description)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Spare tire and wheel size (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	

Brakes - Parking

Type of control	Hand operated lever
Location of control	Between front seats
Operates on	Rear wheels
If separate from service brakes	N.A.
Type (internal or external)	
Drum diameter	
Lining size (length x width x thickness)	

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Steering

Manual (std., opt., n.a.)				Std. (M/T)		N.A.	
Power (std., opt., n.a.)				Std. (A/T)		Std.	
Speed-sensitive (std., opt., n.a.)				N.A.			
4-wheel steering (std., opt., n.a.)				N.A.			
Adjustable steering wheel/column (tilt, telescope, other)		Type		Tilt			
		Manufacturer		HONDA			
		(std., opt., n.a.)		Std.			
Wheel diameter** (Wg) SAE J1100		Manual		380 (M/T)		N.A.	
		Power		380 (A/T)		380	
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		10.1 (33.1)			
		Curb to curb (l. & r.)		9.4 (30.8)			
	Inside rear	Wall to wall (l. & r.)		4.9 (16.1)			
		Curb to curb (l. & r.)		5.1 (16.7)			
Scrub radius *				-3.3 (-0.13)			
Manual	Gear	Type		Rack & Pinion (M/T)		<div></div>	
		Manufacturer		YAMADA (M/T)			
		Ratios	Gear	∞ (M/T)			
			Overall	17.5 (M/T)			
	No. wheel turns (stop to stop)		3.88 (M/T)				
Power	Type (coaxial, ele., hyd., etc.)		Coaxial (A/T)		Coaxial		
	Manufacturer		SEIKI GIKEN (A/T)		SEIKI GIKEN		
	Gear	Type		Rack & Pinion (A/T)		Rack & Pinion	
		Ratios	Gear	∞ (A/T)		∞	
			Overall	17.5 (A/T)		16.1	
	Pump (drive)		V belt (A/T)		V belt		
	No. wheel turns (stop to stop)		3.61		2.98		
Linkage	Type		Lateral tie - rod				
	Location (front or rear of wheels, other)		Rear of front wheel				
	Tire rods (one or two)		Two				
Steering axis	Inclination at chamber (deg.)		Camber : -20° King pin : 10° 55'				
	Bearings (type)	Upper	Ball joint				
		Lower	Ball joint				
		Thrust	N.A.				
Steering spindle/knuckle & joint type				Ball joint			

* The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.

** See Page 23.

Specifications

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Vehicle Line HONDA DEL SOL

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Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	1° 10'5±1'	
		Camber (deg.)	-0° 15' ±1'	-0° 20' ±1'
		Toe-in outside track - mm(in.)	0±2 (0±0.08)	
	Service reset*	Caster (deg.)	Pre-set	
		Camber (deg.)	Pre-set	
		Toe-in - mm (in.)	Adjustable	
	Periodic M.V. inspection	Caster (deg.)	Same as service checking	
		Camber (deg.)	Same as service checking	
		Toe-in - mm (in.)	Same as service checking	
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.) track-mm(in.)	-0° 30' ±1'	
		Toe-in - mm (in.)	2± 2 (0.08± 0.08)	
		outside track - mm (in.)	1 (0.04)	
	Service reset*	Camber (deg.)	Pre-set	
		Toe-in - mm (in.)	Same as service checking	
	Periodic M.V. inspection	Camber (deg.)	Same as service checking	
		Toe-in - mm (in.)	Same as service checking	

* Indicates pre - set, adjustable, trend set or other.

Electrical - Instruments And Equipment

Speedometer	Type (analog, digital, std., opt.)	Analog
	Trip odometer (std., opt., n.a.)	Std.
Head-up display	Standard, optional, not available	N.A.
	Type	Secondary, opto-electronic
	Speedometer	Digital
	Status/warning indicators	Turn signals, high beam, low fuel, check gauges
	Brightness control	Day/night mode, adjustable
EGR maintenance indicator		N.A.
Charge indicator	Type	Voltage regulator
	Warning device (light, audible)	Light
Temperature indicator	Type	Electric thermal gauge
	Warning device (light, audible)	N.A.
Oil pressure indicator	Type	Electric pressure switch
	Warning device (light, audible)	Light
Fuel indicator	Type	Electric gauge
	Warning device (light, audible)	N.A.
Windshield wiper	Type (standard)	Electric 2 speed with intermittent
	Type (optional)	N.A.
	Blade length	Drive side : 550 Assist side : 475
	Swept area cm2 (in.2)	6660 (1033)
Windshield washer	Type (standard)	Electric motor
	Type (optional)	N.A.
	Fluid level indicator (light, audible)	N.A.
Rear window wiper, wiper/washer (std., opt., n.a.)		N.A.
Horn	Type	Electric Vibrator
	Number used	1 2
Other		

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D16Y7	D16Y8	B16A2
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Electrical - Supply System

Battery	Model, std., (opt.)	55B24L (S) - MF		
	Voltage	12		
	Amps at 0°F cold crank	410		
	Minutes - reserve capacity	70		
	Amps/hrs. - 20 hr. rate	47		
	Location	Right side in engine compartment		
Alternator	Manufacturer	NIPPON DENSO / MITSUBISHI ELECTRIC		
	Rating (idle/max. rpm)	MT 670, AT700 / 17554	MT670, AT700 / 18078	MT 700 / 17520
	Ratio (alt. crank/rev.)	2.62 (164 / 62.5)		
	Output at idle (rpm, park)	N.A.		
	Optional (type & rating)	Min. 40A		
Regulator	Type	IC regulator		

Electrical - Starting System

Motor	Manufacturer	MITSUBA	NIPPON DENSO
	Current drain _____ °C (°F)		
	Power rating kw (hp)	1.0 - 1.4 (1.4 - 1.9)	
Motor drive	Engagement type	Magnetic	
	Pinion engages from (front, rear)	Right side	

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	Std.					
	Other (specify)	N.A.					
Coil	Manufacturer	TOYO DENSO					
	Model	TC - 08A					
	Current	Engine stopped - A		0			
		Engine idling - A					
Spark plug	Manufacturer	NGK	NIPPON DENSO	NGK	NIPPON DENSO	NGK	NIPPON DENSO
	Model	ZFR5F-11	KJ16CR-L11	ZFR5F-11	KJ16CR-L11	PFR6G-13	PK20PR-L13
	Thread (mm)	14					
	Tightening torque N·m (lb. - ft.)	18 (13)					
	Gap	1.1 +0 -0.1					
	Number per cylinder	1					
Distributor	Manufacturer	TOYO DENSO					
	Model	TD - 80U			TD - 81U		

Electrical - Suppression

Location & Type	N.A.
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Model Code/Description

ALL MODELS

Body

Structure	Monocoque Construction
Bumper system front- rear	Impact absorbing Fascia (Polypropylene) Energy absorber (Forming PP) Reinforcement (High strength steel sheet)
Anti-corrosion treatment	Surface treated steel sheet Cathodic ED paint Rust preventive wax injection Chipping primer, PVC under body coating

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)		Acrylic baking
Hood	Material & mass	Iron-zinc alloy coated steel, 13.2
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (internal, external)	Internal
Trunk lid	Material & mass	Iron-zinc alloy coated steel, 13
	Type (counterbalance, other)	Damper stay
	Internal release control(elec., mech., n.a.)	Mech.
Match - back lid	Material & mass	N.A.
	Type (counterbalance, other)	
	Internal release control(elec., mech., n.a.)	
Tailgate	Material & mass	
	Type (dr, lift, door)	
	Internal release control (elec., mech., n.a.)	
Vent window control (crank, friction, pivot, power)	Front	
	Rear	
Window regulator type (cable, tape, flex drive, etc.)	Front	Flex
	Rear	N.A.
Seat cushion type (e.g. 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket, Panel frame, Foam
	Rear	N.A.
	3rd seat	N.A.
Seat back type (e.g. 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket, Panel frame + spring, Foam
	Rear	N.A.
	3rd seat	N.A.

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized frame
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Specifications

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ALL MODELS

Restraint System

Seating position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)	1st seat	Lap & Shoulder belt Std.	N.A.	Lap & Shoulder belt Std.
		2nd seat	N.A.	N.A.	N.A.
		3rd seat	N.A.	N.A.	N.A.
Passive	Type & description (air bag, motorized - 2-point belt, fixed belt, knee bolster, manual - lap - belt) Standard/optional	1st seat	Air bag & Knee bolster Std.	N.A.	Air bag & Knee bolster Std.
		2nd seat	N.A.	N.A.	N.A.
		3rd seat	N.A.	N.A.	N.A.

Glass	SAE Ref. No.	
Windshield glass exposed surface area cm2 (in.2)	S1	8105 (1256.3) *1
Side glass exposed surface area cm2 (in.2) - total 2 - sides	S2	6200 (961.0) *1
Backlight glass exposed surface area cm2 (in.2)	S3	1970 (305.4) *1
Total glass exposed surface area cm2 (in.2)	S4	16275 (2522.6) *1
Windshield glass (type/thickness)		Laminated safety glass / 4.7
Side glass (type/thickness)		FR DOOR : Tempered reinforced glass / 5.0 FR DOOR QTR : Tempered reinforced glass / 3.5
Backlight glass (type/thickness)		Tempered reinforced glass / 3.5
Tinted (yes/no, location)		ASAHI : YES, FR DOOR QTR AP TECH : YES, FR DOOR & FR WSHLD & RR WSHLD
Solar control (yes/no, coated /batched, location)		No

*1 Daylight opening area

Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Halogen, Replaceable bulb
Shape	Oval shaped (Aerodynamic design)
Lo - beam type (2A1, 2B1, 2C1, etc.)	HB2
Quantity	2
Hi - beam type (1A1, 2A1, 1C1, 2C1, etc.)	HB2
Quantity	2

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Climate Control System

Air conditioning (std., opt., man., auto.)		Opt., Man.		
Condenser	Type	Multi-Flow		
	Eff. face area (sq. mm)	109000		
	Fins per inch	12		
Evaporator	Type	Serpentine		
	Eff. facearea (sq. mm)	49000		
	Fins per inch	7		
Heater core	Material	Tube, Tank : Brass	Fin : Copper	Frame : Steel
	Eff. face area (sq. mm)	24300		
	Fins per inch	25		
Compressor	Type	Recipro		
	Displacement (cc)	150		
	Manufacturer	SANDEN		
	A/C pulley ratio	1.47		
Accumulator	Type	N.A.		
	Height (mm)			
	Diameter (mm)			
Receiver	Type			
	Height (mm)	165		
	Diameter (mm)	60		
Refrigerant control (CCOT, TVS, etc.)				
Heater water valve (yes/no)		Yes		
Refrigerant (R-12, R-134a, etc.)		HFC - 134a (R-134a)		
Charge level (lbs. - oz.)		500-550 g (17.6 - 19.4 oz)		
Cold engine lockout switch (yes/no)				
Wide open throttle cutout switch (yes/no)				

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Convenience Equipment (standard, optional, n.a.)

Clock (digital, analog)		Std. (Digital)
Compass / thermometer		N.A.
Console (floor, overhead)		Std. (Floor)
Defroster, electric windshield		N.A.
Defroster, electric backlight		Std.
Electronic	Diagnostic monitor (integrated, individual)	N.A.
	Instrument cluster (list instruments)	
	Keyless entry	
	Tripminder (avg. spd., fuel)	
	Voice alert (list items)	
	Other	
Fuel door lock (remote, key, electric)		Std. (Remote)
Integrated Child Seating	Std./Opt. & location in vehicle	N.A.
	Number of occupants	N.A.
	Occupant weight/height (min. & max.)	N.A.
	Restraint system description (3 or 5-point belts/boosterseat capability)	N.A.
Lamps	Auto head on/off delay, dimming	N.A.
	Cornering	N.A.
	Courtesy (map, reading)	N.A.
	Door lock, ignition	N.A.
	Engine compartment	N.A.
	Fog	N.A.
	Glove compartment	N.A.
	Trunk	Std.
	Illuminated entry system (list lamps, activation)	N.A.
	Other	N.A.
Mirrors	Day/night (auto., man.)	Std. (Man.)
	L.H. (remote, power, heated)	Std. (Man.)
	R.H. (convex, remote, power, heated)	Std. (Man., Convex)
	Visor vanity (RH/LH, illuminated)	N.A.
Navigation system (describe)		N.A.
Parking brake-auto release (warning light)		N.A.

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Convenience Equipment (standard, optional, n.a.)

Power Equipment	Deck lid (release, pull down)		N.A.	
	Door locks (manual, automatic, describe system)		N.A.	Std. (Manual)
	Seats	2 - 4 - 6 way, etc.	N.A.	
		Reclining (R.H., L.H.)	N.A.	
		Memory (R.H., L.H., preset recline)	N.A.	
		Support (lumber, hip, thigh, etc.)	N.A.	
		Heated (R.H., L.H., other)	N.A.	
	Side windows		Std.	
	Vent windows		N.A.	
Rear windows		Std.		
Radio Systems	Antenna (location, whip, w/shield, power)		Std. (Rear L.H., Whip, Power)	
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent,	N.A.	AM / FM, Stereo, Tape Theft deterrent
	Optional	radio prep package, headphone jacks, etc.	AM / FM, Stereo, Tape, Compact disc, Graphic equalizer, Theft deterrent	
	Speaker (number, location)		Opt. (4, Front side door & side lining)	Std. (4, Front side door & side lining)
Roof: open air or fixed (fl- up, sliding, "T")		Std. (Convertible)		
Speed control device		N.A.	Std.	
Speed warning device (light, buzzer, etc.)		N.A.		
Tachometer (rpm)		Std.		
Telephone system (describe)		N.A.		
Theft deterrent system		Std. (steering lock etc.)		

Trailer Towing

Towing capable	Yes/No	No
Engine/transmission/axle	Std./Opt.	
Tow class (I, II, III)*	Std./Opt.	
Max. gross tongue load (lbs.)	Std./Opt.	
Max trailer tongue load (lbs.)	Std./Opt.	
Towing package available	Yes/No	

* Class I - 2,000 lbs. Class II - 3,500 lbs. Class III - 5,000 lbs.

Specifications

Vehicle Line HONDA DEL SOL

METRIC (U.S. Customary)

Model Year 1997

Issued AUG. 1996

Revised (*)

Vehicle Dimensions

See key sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each vehicle line.

SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100, "Motor Vehicle Dimensions," unless otherwise specified.

Model Code/Description

SAE
Ref.
No.

ALL MODELS

Width

Tread (front)	W101	1475
Tread (rear)	W102	1465
Vehicle width	W103	1695
Body width at Sg RP (front)	W117	1640
Vehicle width (front doors open)	W120	3634
Vehicle width (rear doors open)	W121	N.A.
Tumble-home (degrees)	W122	20°
Outside mirror width	W410	1852

Length

Wheelbase	L101	2370
Vehicle length	L103	4005
Overhang (front)	L104	856
Overhang (rear)	L105	776
Upper structure length	L123	1671
Rear wheel C/L "X" coordinate	L127	2370

Height*

Passenger distribution (front/rear)	PD1,2,3	2/0
Trunk/cargo load		45
Vehicle height	H101	1255
Cowl point to ground	H114	833
Deck point to ground	H138	929
Rocker panel - front to ground	H112	140
Rocker panel - rear to ground	H111	134
Windshield slope angle (degrees)	H122	60° 48'
Backlight slope angle (degrees)	H121	20° 24'

Ground Clearance*

Front bumper to ground	H102	172
Rear bumper to ground	H104	242
Bumper to ground front at curb mass (wt.)	H103	192
Bumper to ground rear at curb mass (wt.)	H105	313
Angle of approach (degrees)	H106	14° 54'
Angle of departure (degrees)	H107	18° 48'
Ramp breakover angle (degrees)	H147	13° 39'
Axle differential to ground (front/rear)	H153	N.A.
Min. running ground clearance	H156	113
Location of min. grd. clear.		Exhaust pipe mounting bracket

* All vehicle height and ground clearances are measured at the manufacturer's Design Load Weight. Manufacturers Design Load weight is defined with indicated passenger distribution and trunk/cargo load, unless otherwise specified.

All linear dimensions are in millimeters (inches) unless otherwise noted.

Specifications

METRIC (U.S. Customary)

Vehicle Line HONDA DEL SOL

Model Year 1997

Issued AUG. 1996

Revised (*)

Vehicle Dimensions

See key sheets for definitions

Model Code/Description

ALL MODELS

SAE
Ref.
No.

Front Compartment

SgRP front, "X" coordinate	L13	1452
Effective headroom	H61	953
Max. eff. leg room (accelerator)	L34	1023
SgRP to heel point	H30	179
SgRP to heel point	L53	809
Back angle (degrees)	L40	21°
Hip angle (degrees)	L42	95°
Knee angle (degrees)	L44	130°
Foot angle (degrees)	L46	95°
Design H-point front travel	L17	239
Normal driving & riding seat track trvl.	L23	239
Shoulder room	W3	1343
Hip room	W5	1253
Upper body opening to ground	H50	1160
Steering wheel maximum diameter*	W9	380
Steering wheel angle (degrees)	H18	20° 30'
Accelerator heel point to steering wheel center	L11	373
Accelerator heel point to steering wheel center	H17	573
Unrepressed floor covering thickness	H67	10

Rear Compartment

SgRP point couple distance	L50	N.A.
Effective headroom	H63	
Min. effective leg room	L51	
SgRP (second to heel)	H31	
Knee clearance	L48	
Shoulder room	W4	
Hip room	W6	
Upper body opening to ground	H51	
Back angle (degrees)	L41	
Hip angle (degrees)	L43	
Knee angle (degrees)	L45	
Foot angle (degrees)	L47	
Depressed floor covering thickness	H73	

Luggage Compartment

Usable luggage capacity L (cu. ft.)	V1	200
Liftover height	H195	803

Interior Volumes (EPA Classification)

Vehicle class	Two seater
Interior volume index including trunk/cargo (cu. ft.)**	47.82
Trunk/cargo index (cu. ft.)	N.A.

* See page 14 ** See definition page 33

All linear dimensions are in millimeters (inches) unless otherwise noted.

Specifications

METRIC (U.S.Customary)

Vehicle Dimensions

Model Code/Description

Vehicle Line HONDA DEL SOL

Model Year 1997

Issued AUG. 1996

Revised (*)

See key sheets for definitions

ALL MODELS

Station Wagon/MPV*

- Third Seat

SAE
Ref.
No.

Seat facing direction	SD1	N.A.
SgRP couple distance	L85	
Shoulder room	W85	
Hip room	W86	
Effective leg room	L86	
Effective head room	H86	
SgRP to heel point	H87	
Knee clearance	L87	
Back angle (degrees)	L88	
Hip angle (degrees)	L89	
Knee angle (degrees)	L90	
Foot angle (degrees)	L91	

Station Wagon/MPV* - Cargo Space

Cargo length (open front)	L200	N.A.
Cargo length (open second)	L201	
Cargo length (close front)	L202	
Cargo length (close second)	L203	
Cargo length at belt (front)	L204	
Cargo length at belt (second)	L205	
Cargo width (wheelhouse)	W201	
Rear opening width at floor	W203	
Opening width at belt	W204	
Min. rear opening width above belt	W205	
Cargo height	H201	
Rear opening height	H202	
Tailgate to ground height	H250	
Front seat back to load floor height	H197	
Cargo volume index m3(ft.3)	V2	
Hidden cargo Volume index m3 (ft.3)	V4	
Cargo volume index-rear of 2-seat	V10	
Cargo volume index*	V6	
Cargo width at floor*	W500	
Maximum cargo height*	H505	

Hatchback - Cargo Space

Cargo length at front seatback height	L208	N.A.
Cargo length at floor (front)	L209	
Cargo length at second seatback height	L210	
Cargo length at floor (second)	L211	
Front seatback to load floor height	H197	
Second seatback to load floor height	H198	
Cargo volume index m3 (ft.3)	V3	
Hidden cargo volume index m3 (ft.3)	V4	
Cargo volume index - rear of 2 - seat	V11	

All linear dimensions are in millimeters (inches) unless otherwise noted.

* MPV - Multipurpose Vehicle

Specifications

METRIC

Vehicle Line HONDA DEL SOL

Model Year 1997

Issued AUG. 1996

Revised (*)

Model Code/
Description

ALL MODELS

Vehicle Fiducial Marks

Fiducial mark number*

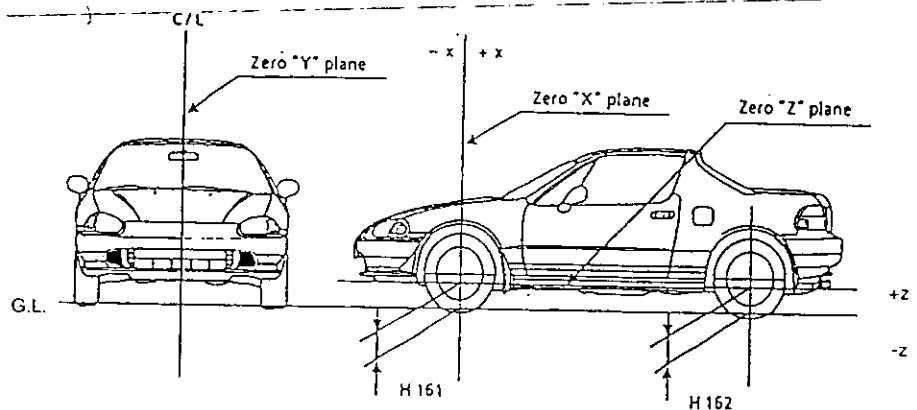
Define Coordinate Location

Front(1)

Front(2)

Rear(1)

Rear(2)



Note: Provide 3 of 4

Fiducial mark locations

Front	W21**	
	L54**	
	H81**	
	H161**	200
	H163**	
Rear	W22**	
	L55**	
	H82**	
	H162**	215
	H164**	

* Reference - SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks.

** Reference - SAE Recommended Practice, J1100 - Motor Vehicle Dimensions.

All linear dimensions are in millimeters (inches) unless otherwise noted.

METRIC (U.S. Customary)

Model Year	1997
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Issued AUG. 1996

Revised (*)

*1 : Equipped with ABS

*** ETWC - Equivalent Test Weight Class - basis for U.S. Environment Protection Agency emission certifications.

Refer to ETWC code legend below for weight class.

$A=1000$ $I=2000$ $Q=3000$ $Y=4000$

B=1125 J=2125 R=3125 Z =4250

C=1250 K=2250 S=3250 AA=4500

D=1375 L=2375 T=3375 BB=4750

E=1500 M=2500 U=3500 CC=5000

F=1625 N=2625 V=3625 DD=5250

G=1750 O=2750 W=3750 EE=5500

H=1875 P=2875 X=3875 FF=5750

***Shipping Mass (weight)= Curb weight Less:

28 (62)

METRIC (U.S. Customary)

Model Year 1997

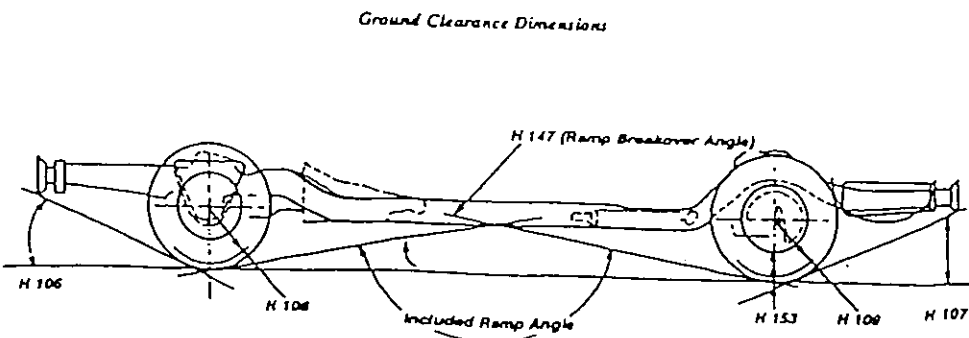
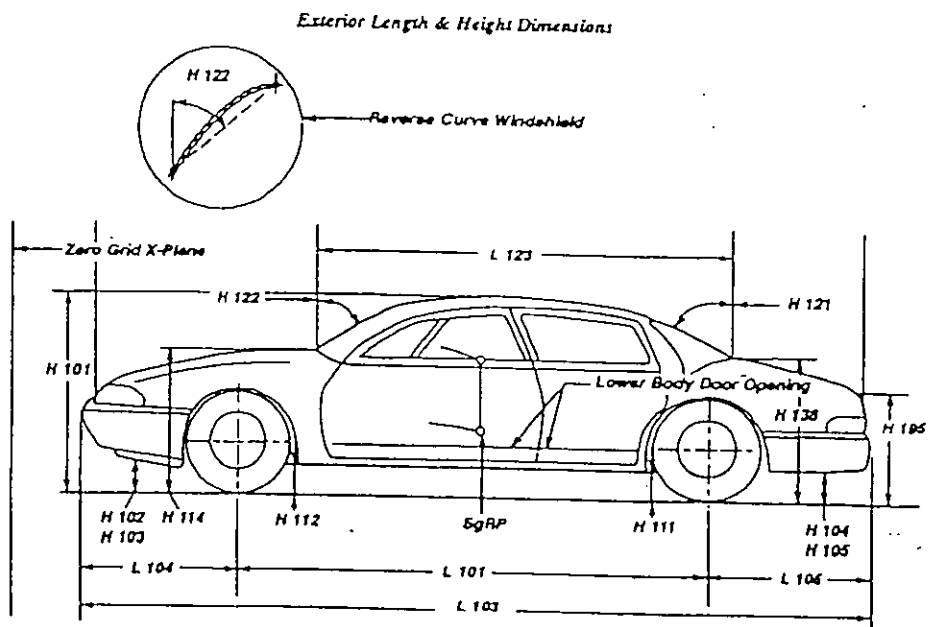
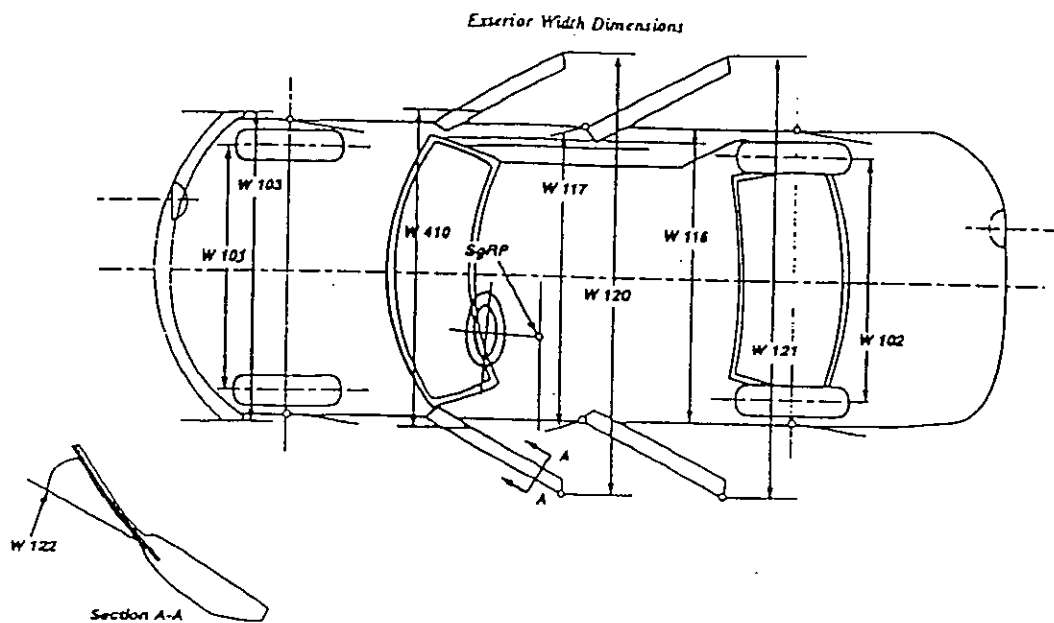
Issued AUG. 1996

Revised (*)

* Also see Engine - General Section for dressed engine mass (weight).

AAMA Specifications METRIC (U.S. Customary)

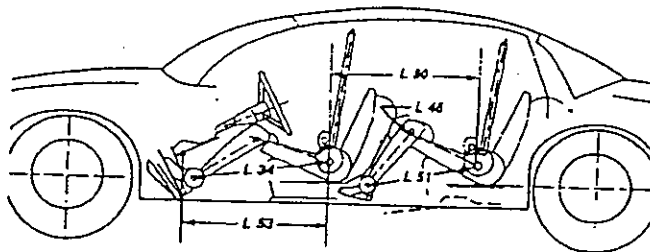
Exterior Vehicle And Body Dimensions - Key Sheet



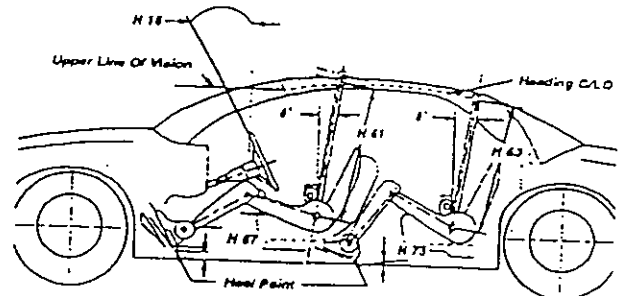
AAMA Specifications METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet

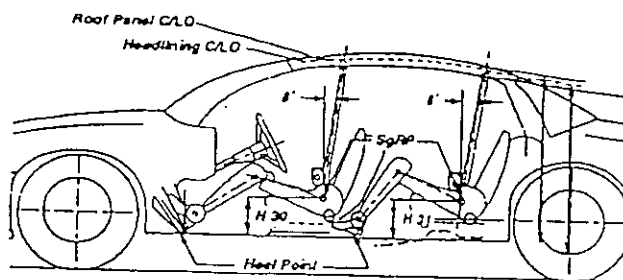
Interior Length Dimensions



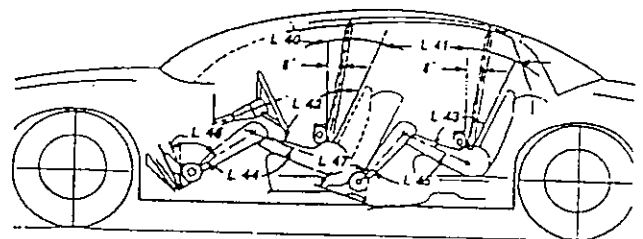
Interior Height Dimensions



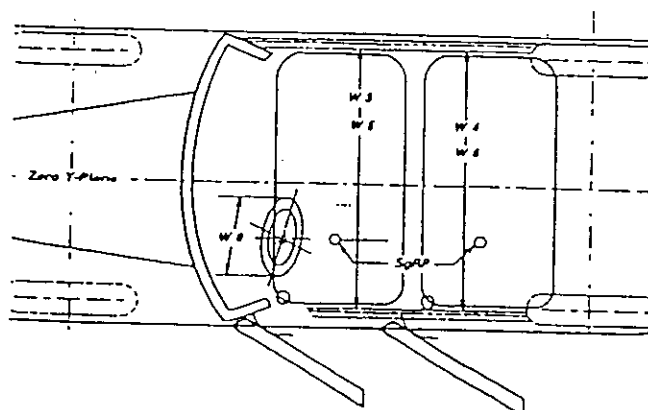
Interior Height Dimensions



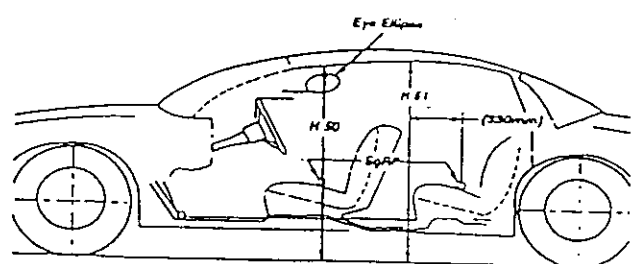
Interior Length Dimensions



Interior Width Dimensions



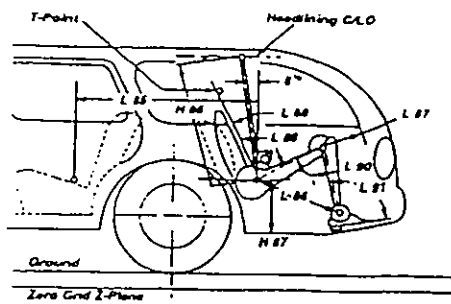
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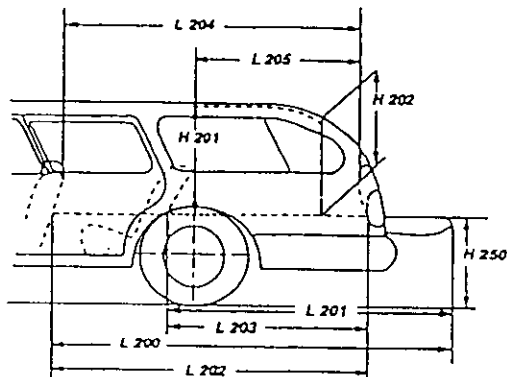
**AAMA Specifications –
METRIC (U.S. Customary)**

Interior Vehicle And Body Dimensions - Key Sheet

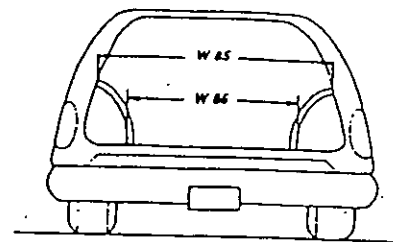
Interior Dimensions, Station Wagon Third Seat



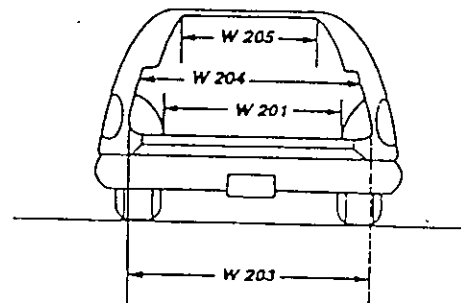
Cargo Space Dimensions



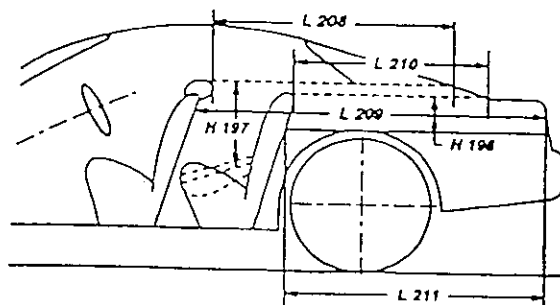
Interior Dimensions



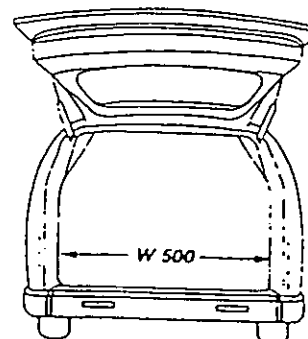
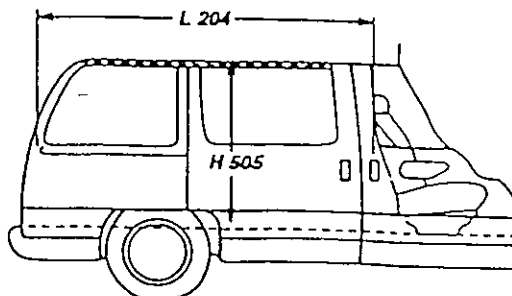
Cargo Space Dimensions



Cargo Space Dimensions



Multipurpose Vehicle Cargo Space



Specifications

METRIC

Exterior Vehicle And Body Dimensions - Key Sheet Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which -

- (a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
- (b) Has coordinates established relative to the design vehicle structure;
- (c) Simulates the position of the pivot center of the human torso and thigh; and
- (d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Devices for Use in Defining and Measuring Vehicle Seating Accommodations,".

Width Dimensions

- W101 TREAD-FRONT. The dimension measured between the tire centerlines at the ground.
- W102 TREAD-REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.
- W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.
- W117 BODY WIDTH AT SGRP-FRONT. The dimension measured laterally between the widest points on the body at the SGRP-front, excluding door handles, applied moldings, or appliques.
- W120 VEHICLE WIDTH -FRONT DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position.
- W121 VEHICLE WIDTH-REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.
- W122 TUMBLE-HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SGRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface to the front door glass at the front SGRP "X" plane.
- W411 OUTSIDE MIRROR WIDTH: The dimension between the widest point on the outside mirrors. The standard right and left mirror adjusted for normal driving will be shown unless otherwise noted. When only one outside mirror is standard, the dimension will be to the zero "Y" plane.

Length Dimensions

- L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerline. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.
- L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.
- L104 OVERHANG-FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hook and/or rub strips, if standard equipment.
- L105 OVERHANG-REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.
- L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.

- L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be the midpoint of the distance between the rear axle centerlines.

Height Dimensions

- H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.
- H111 ROCKER PANEL-REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.
- H112 ROCKER PANEL-FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.
- H114 COWL POINT TO GROUND. Measured at zero "Y" plane.
- H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.
- H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield arc running from the lower DLO to the upper DLO at the vertical zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H109 STATICLOAD-TIRE RADIUS-REAR. Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

Ground Clearance Dimensions

- H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point in the front bumper to ground, including bumper guards, if standard equipment.
- H103 FRONT BUMPER TO GROUND-CURB MASS (WT.). Measured in the same manner as H102.
- H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper structural component shall be designated.
- H105 REAR BUMPER TO GROUND-CURB MASS (WT.). Measured in the same manner as H104.
- H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius arc and the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.
- H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius arc and the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
- H147 RAMP BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.
- H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.
- H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

Specifications

METRIC

Interior Vehicle And Body Dimensions - Key Sheet Dimensions Definitions

Glass Areas

- S1 Windshield area.
- S2 Side windows area. Includes the front door, rear door, vents, and rear quarter windows on both sides of the vehicle.
- S3 Backlight areas.
- S4 Total area. Total of all areas (S1+S2+S3).

Fiducial Mark Dimensions

Fiducial Mark - Number 1

- L54 "X" coordinate.
- W21 "Y" coordinate.
- H81 "Z" coordinate.
- H161 Height "Z" coordinate to ground at curb weight.
- H163 Height "Z" coordinate to ground.

Fiducial Mark - Number 2

- L55 "X" coordinate.
- W22 "Y" coordinate.
- H82 "Z" coordinate.
- H162 Height "Z" coordinate to ground at curb weight.
- H164 Height "Z" coordinate to ground.

Front Compartment Dimensions

- L11 ACCELERATOR WHEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel rim.
- L17 DESIGN-H-POINT-FRONT TRAVEL. The dimension measured horizontally between the design H-point -front in the foremost and rearmost seat track positions. (See SAE J1100).
- L23 NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL. The dimension measured horizontally between a point on the design H-point travel line from the SGRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions. (See SAE J1100).
- L31 SGRP -Front. "X" Coordinated.
- L34 MAXIMUM EFFECTIVE LEG ROOM-ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SGRP -front plus 254 mm (10.0 in.) measured with right foot on the underdepressed accelerator pedal. For vehicles with SGRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.
- L40 BACK ANGLE-FRONT. The angle measured between a vertical line through the SGRP -front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.
- L42 HIP ANGLE-FRONT. The angle measured between torso line and thigh centerline.
- L44 KNEE ANGLE-FRONT. The angle measured between thigh centerline and lower leg centerline measured on the right leg.
- L46 FOOT ANGLE-FRONT. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAEJ826.
- L53 SGRP-FRONT TO HEEL. The dimension measured horizontally from the SGRP-front to accelerator heel point.
- W3 SHOULDER ROOM-FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SGRP-front at height between the belt line and 254 mm (10.0 in.) above the SGRP-front, excluding the door assist strap and attaching parts.

- W5 HIP ROOM-FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SGRP -front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SGRP-front and 76 mm (3.0 in.) fore and aft of the SGRP-front.
- W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.
- H7 ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER. The dimension measured vertically from the AHP. front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.
- H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
- H30 SGRP-FRONT TO HEEL. The dimension measured vertically from the SGRP -front to the accelerator heel point.
- H50 UPPER BODY OPENING TO GROUND-FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SGRP-front "X" plane.
- H61 EFFECTIVE HEAD ROOM-FRONT. The dimension measured along a line 8 deg. rear of vertical from the SGRP-front to the headlining plus 102 mm (4.0 in.).
- H67 FLOOR COVERING THICKNESS - UNDEPRESSED - FRONT. The dimension measured vertically from the surface of the undepressed floor covering to the underbody sheet metal at the accelerator heel point.

Rear Compartment Dimensions

- L41 BACK ANGLE-SECOND. The angle measured between a vertical line through the SGRP-second and the torso line.
- L43 HIP ANGLE-SECOND. The angle measured between torso line and thigh centerline.
- L45 KNEE ANGLE-SECOND. The angle measured between thigh centerline and lower leg centerline.
- L47 FOOT ANGLE-SECOND. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).
- L48 KNEE CLEARANCE-SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 in.).
- L50 SGRP COUPLE DISTANCE-SECOND. The dimension measured horizontally from the driver SGRP-front to the SGRP-second.
- L51 MINIMUM EFFECTIVE LEG ROOM -SECOND. The dimension measured along a line from the ankle pivot center to the SGRP-second plus 254 mm (10.0 in.).
- W4 SHOULDER ROOM-SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "x" plane through the SGRP-second at height between 254-406 mm (10.0-16.0 in.) above the SGRP-second, excluding the door assist straps and attaching parts.
- W6 HIP ROOM-SECOND. Measured in the same manner as W5.
- H31 SGRP-SECOND TO HEEL. The dimension measured vertically from the SGRP-second to the two dimensional device heel point on the depressed floor covering.
- H51 UPPER BODY OPENING TO GROUND-SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SGRP-second.
- H63 EFFECTIVE HEAD ROOM-SECOND. The dimension measured along a line 8 deg. rear of vertical from the SGRP to the headlining, plus 102 mm (4.0 in.).
- H73 FLOOR COVERING-DEPRESSED-SECOND. The dimension measured vertically from the heel point to the underbody sheet metal.

Specifications

METRIC

Interior Vehicle And Body Dimensions - Key Sheet

Dimensions Definitions

Luggage Compartment Dimensions

- V1 USABLE LUGGAGE CAPACITY-Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.

Interior Volumes (EPA Classification)

The interior index is listed for each body style except two seaters. The Interior Volume Index estimates the space in a car. It is based on four measurements - head room, shoulder room, hip room, and leg room - for the front and rear seats, plus trunk capacity.

The Trunk/Cargo index is an estimate of the size of the trunk/cargo spaces. In station wagons and hatchbacks it is an estimate of the space behind the second seat.

Station Wagon/MPV - Third Seat Dimensions

- L85 SgRP COUPLE DISTANCE-THIRD. The dimension measured horizontally from the SgRP-second to the SgRP-third.
- L86 EFFECTIVE LEG ROOM-THIRD. The dimension measured along a line from the ankle pivot center to the SgRP-third plus 254 mm (10.0 in.).
- L87 KNEE CLEARANCE-THIRD. The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51 mm (2.0 in.). With rear-facing third seat, dimension is measured to closure.
- L88 BACK ANGLE-THIRD. Measured in the same manner as L41.
- L89 HIP ANGLE-THIRD. Measured in the same manner as L43.
- L90 KNEE ANGLE-THIRD. Measured in the same manner as L45.
- L91 FOOT ANGLE-THIRD. Measured in the same manner as L47.
- W85 SHOULDER ROOM-THIRD. Measured in the same manner as W4.
- W86 HIP ROOM-THIRD. Measured in the same manner as W5.
- H86 EFFECTIVE HEAD ROOM-THIRD. The dimension, measured angle a line 8 deg. from the SgRP-third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).
- H87 SgRP -THIRD TO HEEL POINT.
- SD1 SEAT FACING DIRECTION-THIRD.

Station Wagon/MPV - Cargo Space Dimensions

- L200 CARGO LENGTH-OPEN-FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface of the rear closure is a conventional door type tailgate at the zero "Y" plane.
- L201 CARGO LENGTH-OPEN-SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

- L202 CARGO-LENGTH-CLOSED-FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering on the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trunks and mpv's at the zero "Y" plane.
- L203 CARGO LENGTH-CLOSE-SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trunks and mpv's at the zero "Y" plane.
- L204 CARGO LENGTH AT BELT-FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab backpanel at the height of the belt, on the zero "Y" plane.
- L205 CARGO LENGTH AT BELT-SECOND. The minimum dimension measured horizontally from the back of the second seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.
- W201 CARGO WIDTH-WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhouse at floor level. For any vehicle not trimmed, measure to the sheet metal.
- W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.
- W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the area opening at belt height or top of pick up box.
- W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.
- WS00 CARGO WIDTH AT FLOOR. The maximum dimension measured laterally between the limiting interferences at the floor level. This dimension shall include ribs and pillars, but will exclude wheelhouses.
- H197 FRONT SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.
- H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinate on the zero "Y" plane.
- H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.
- H250 TAILGATE TO GROUND CURB MASS (WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.
- H505 MAXIMUM CARGO HEIGHT. The maximum vertical dimension rear of the front seat from the cargo floor to roof bow or headlining at the zero "Y" plane.

Specifications

METRIC

Interior Vehicle And Body Dimensions - Key Sheet Dimensions Definitions

V2 STATION WAGON

Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = \text{ft.3}$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = \text{m3(cubicmeter)}$$

V4 HIDDEN LUGGAGE CAPACITY-REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V5 TRUCKS AND MPV'S WITH OPEN AREA.

Measured in inches:

$$\frac{L506 \times W505 \times H503}{1728} = \text{ft.3}$$

Measured in mm:

$$\frac{L506 \times W500 \times H503}{10^9} = \text{m3(cubicmeter)}$$

V6 TRUCKS AND MPV'S WITH CLOSED AREA.

Measured in inches:

$$\frac{L204 \times W500 \times H505}{1728} = \text{ft.3}$$

Measured in mm:

$$\frac{L204 \times W500 \times H505}{10^9} = \text{m3(cubicmeter)}$$

V8 HIDDEN LUGGAGE CAPACITY-REAR OF SECOND SEAT. The total volume of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the second seat.

V10 STATION WAGON CARGO VOLUME INDEX.

Measured in inches:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{1728} = \text{ft.3}$$

Measured in mm:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{10^9} = \text{m3 (cubicmeter)}$$

Hatchback - Cargo Space Dimensions

All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electronically adjusted seats, see the manufacturer's specifications for Design "H" point).

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the drivers seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR-FRONT. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT. The minimum dimension measured from the "X" plane tangent to the rearmost surface of second seatback or the load floor which is towed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "X" plane.

L211 CARGO LENGTH AT FLOOR-SECOND SEATBACK. The minimum horizontal dimension measured at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the second seatback to the undepressed floor covering.

V3 HATCHBACK.

Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = \text{ft.3}$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = \text{m3 (cubicmeter)}$$

V4 HIDDEN LUGGAGE CAPACITY-REAR OF FRONT SEAT. The total volumes of individual pieces of one seat of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V11 HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor:

Measured in inches:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{1728} = \text{ft.3}$$

Measured in mm:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{10^9} = \text{m3 (cubicmeter)}$$

Specifications

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