

# MOTOR VEHICLE MANUFACTURERS SPECIFICATIONS

METRIC (U.S. Customary)

## 2003

Manufacturer <b>HONDA MOTOR CO., LTD.</b>	Vehicle Line  <b>HONDA S 2000</b>	
Mailing Address <b>No. 1-1, 2 chome, Minami-Aoyama, Minato - ku, Tokyo, Japan</b>	Issued September, 2002	Revised

Direct questions concerning these specifications to the manufacturer listed above.

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

# AIAM

# 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.

<b>Specifications</b>	Vehicle Line	HONDA S 2000			
<b>METRIC (U.S.Customary)</b>	Model Year	2003	Issued	Sep. 2002	Revised(*)

### Vehicle Origin

Design & development (Company)	Honda R & D
Where t MW/FMcassette	JAPAN
Authorized U.S. sales marketing representative	American Honda Motor Co., LTD.

## Vehicle Models

[illegible]

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

\*\* With Anti-lock brakes (ABS)

**METRIC (U.S. Customary)**

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## SAE J13 MW/FMcassette

			A	B	C	D
ENGINE	Engine Code		F20C1			
	Displacement Liters (in <sup>3</sup> )		1.997(122)			
	Induction system (FI, Carb, etc.)		FI			
	Compression ratio		11.0			
	SAE Net at RPM	Power kW (bhp)	179KW(240HP)/@ 8300			
		Torque N.m. (lb. ft.)	207N.m(153lb.ft)/@ 7500			
	Exhaust single, dual		dual			
TRANS	Transmission / Transaxle		6-speed manual			
	Effective Final Drive / Axle Ratio (std. first)		4.100			

[illegible]

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

Vehicle Line HONDA S2000  
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**Engine Description**  
**Engine Code**

F20C1

**Engine MW/FMcassette**

Type & description (inline, V, angle, flat, location, front, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)	L-4,Front,longitudinal,DOHC,4valves per cylinder	
Manufacturer	HONDA MOTOR CO.,LTD	
No. of cylinders	4	
Bore	87.0	
Stroke	84.0	
Bore spacing (C/L to C/L)	94.0	
Cylinder block material & mass kg (lbs.) (machined)	Aluminum alloy, 28.7	
Cylinder block deck height	224	
Cylinder block length	430.5	
Deck clearance (minimum) (above or below block)	-	
Cylinder head material & mass kg (lbs.)	Aluminum alloy, 10.30	
Cylinder head volume cm <sup>3</sup> (inches <sup>3</sup> )	53.9 Per cylinder	
Cylinder liner material	Fiber Reinforced Metal	
Head gasket thickness (compressed)	0.7 ± 0.05	
Minimum combustion chamber total volume (inches <sup>3</sup> )	49.9 per cylinder	
Cyl. no. system (front to rear)*	L. Bank	Front To Rear 1 - 2 - 3 - 4
	R. Bank	N.A.
Firing order	1 - 3 - 4 - 2	
Intake manifold material & mass kg (lbs.)**	Aluminum alloy, 4.4	
Exhaust manifold material & mass kg (lbs.)**	Stainless Steel, 8.35	
Knock sensor (number & location)	1/ Cylinder Block	
Fuel required unleaded, diesel, etc.	Unleaded	
Fuel antiknock index (R + M) + 2	91	
Engine mounts	Quantity	4
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	2 Hydroelastic(Fr Engine Mt R/L) 2 Elastomeric(T.Miss Mt)
	Added isolation (sub-frame, crossmember, etc.)	FrontT Subframe (Fr Emgin Mt R/L) T.Miss Beam (T.Miss Mt)
Total dressed engine mass (Wt) dry***	148	

**Engine - Pistons**

Material & mass, g (weight,oz.) - piston only	Aluminum alloy, 362
---	---------------------

**Engine - Camshaft**

Location	In cylinder head
Material & mass, g (weight,oz.) - piston only	Cast Iron, 1.5
Drive type	Chain / belt
	Chain
	Width / pitch
	10.55 / 6.35

\* 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: Throttle body, Exhaust manifold, Alternator, Starter motor

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F20C1

**Engine MW/FMcassette**

Hydraulic lifters (std., opt., n.a.)	N.A.
Valves	Number intake/exhaust 8 / 8
	Head O.D. intake/exhaust 36 / 31

**Engine - Connecting Rods**

Material & mass kg., (weight, lbs.)*	Carbon Steel, 0.643
Length (axes C/L to C/L)	153

**Engine - Crankshaft**

Material & mass kg., (weight, lbs.)*	Carbon steel, 17.1
End thrust taken by bearing (no.)	2
Length & number of main bearings	471.5, 5 Bearings
Seal (material, one, two piece design, etc.)	Front Rear Rubber, one piece design Rubber, one piece design

**Engine - Lubrication System**

Normal oil pressure kPa (psi) at engine rpm	--
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full flow
Capacity of c/case, less filter-refill-L (qt.)	5.8 (6.13)

**Engine - Diesel Information**

Diesel engine manufacturer	N.A.
Glow plug, current drain at 0°F	
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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F20C1

**Engine MW/FMcassette**

Coolant recovery system (std., opt., n.a.)		Std.,
Coolant fill location (rad., bottle)		Radiator
Radiator cap relief valve pressure kPa (psi)		108 ± 14.7 (15.7 ± 2.1)
Circulation thermostat	Type (choke, bypass)	Bypass
	Starts to open at °C (°F)	78 (172.4)
Water pump	Type (centrifugal, other)	Centrifugal
	GPM 1000 pump rpm	—
	Number of pumps	1
	Drive (V-belt, other)	Pory V belt
	Bearing type	Ball and Ball
	Impeller material	Steel
	Housing material	Aluminum alloy
By-pass recirculation type (inter., ext.)		External
Cooling system capacity	With heater - L (qt.)	7.6 (8.0)
	With air conditioner. - L (qt.)	N.A.
	Opt. equipment specify - L (qt.)	N.A.
Water jackets full length of cyl. (yes, no)		Yes
Water all around cylinder (yes, no)		Yes
Water jackets open at head face (yes, no)		Yes
Radiator core	Std., A/C, HD	Std.
	Type (cross-flow, etc.)	Down-flow
	Construction (fin & tube mechanical, braze, etc.)	Vertical, fin and tube, braze
	Material, mass kg (wgt., lbs.)	Aluminum , 2.36 (5.2)
	Width	660.6
	Height	374.2
	Thickness	16
	Fins per inch	2.5 / 2
Radiator end tank material		Nylon Polyamide
Fan	Std., elec., opt.	Std., Electric
	Number of blades & type (flex, solid, material)	5 Flex, Polypropylene
	Number & location (front, rear of radiator)	1 Rear of Radiator
	Diameter & projected width	300
	Ratio (fan to crankshaft rev.)	N.A.
	Fan cutout type	N.A.
	Drive type (direct, remote)	Direct
	RPM at idle (elec.)	2100 ± 200 rpm
	Motor rating (wattage / elec.)	78 ± 12
	Motor switch (type & location / elec.)	Thermo switch, Radiator
	Switch point (temp., pressure / elec.)	93 ± 2 deg C
	Fan shroud (material)	Polypropylene

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**Engine** MW/FMcassette (see supplemental page for details of Fuel injection, Supercharger, Turbocharger, etc. if used)

Induction type : carburetor, fuel injection system, etc.		Fuel injection system
Manufacturer		Honda Motor Co.,LTD.
Carburetor no. of barrels		N.A.
Idle A/F mix.		14.7
Fuel injection	Point of injection (no.)	Intake manifold (4)
	Constant, pulse, flow	Pulse flow
	Control (electronic, mech.)	Electronic
	System pressure kPa (psi)	343 ± 2
Idle speed. - rpm (spec. neutral or drive and propane if used)	Manual	800(Neutral)±50
	Automatic	N . A
Intake manifold heat control (exhaust or water thermostatic or fixed)		N.A.
Air cleaner type		Peper element
Fuel filter (type/location)		Paper filter / inside Fuel Tank
Fuel pump	Type (elec. or mech.)	Electrical
	Location (eng., tank)	Inside fuel tank
	Pressure range kPa (psi)	450 - 650 (65.3-94.3)
	Flow rate at regulated pressure	117 at 343
	L(gal)/hr@kPa(psi)	

**Fuel Tank**

Capacity refill L (gallons)		50 (13.2 )
Location (describe)		Under rear floor
Attachment		Mounted with earth bolt
Material & Mass kg (weight lbs.)		Carbon steel, 7.5 (16.5)
Filler pipe	Location & material	Left rear quarter panel, Carbon steel pipe
	Connection to tank	Filler neck connection tube
Fuel line (material)		Carbon steel
Fuel hose (material)		Rubber
Return line (material)		Carbon steel
Vapor line (material)		Carbon steel
Extended range tank	Opt., n.a.	N.A.
	Capacity L (gallons)	N.A.
	Location & material	N.A.
	Attachment	N.A.
Auxiliary tank	Opt., n.a.	N.A.
	Capacity L (gallons)	N.A.
	Location & material	N.A.
	Attachment	N.A.
	Selector switch or valve	N.A.
	Separate fill	N.A.



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**Vehicle MW/FMcassette**

Exhaust Emission Control	Type (air injection, engine modifications, other)		Catalytic converter, Air injection
	Air injection	Pump or pulse	Pump
		Driven by	Electrical
		Air distribution (head, manifold, etc.)	head
		Point of entry	4
	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	3-way catalytic converter
		Number of	1
		Location(s)	Under floor
		Volume L (in <sup>3</sup> )	Confidential
		Substrate type	Confidential
		Nobel metal type	Confidential
		Noble metal concentration (g/cm <sup>3</sup> )	Confidential
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Positive crankcase ventilation system
	Energy source (manifold vacuum, carburetor, other)		Intake manifold vacuum
	Discharges to (intake manifold, other)		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)		Dual
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs)		2 ,Reverse flow ,Stainless Steel 15.1L x 2
Material & Mass kg (weight lbs )		23.0(include pipes ,50.7lbs)
Resonator no. & type		1 , separate resonator
Exhaust pipe	Branch o.d., wall thickness	N.A.
	Main o.d., wall thickness	N.A.
	Material & Mass kg (weight lbs)	N.A.
Intermediate pipe	o.d. & wall thickness	60.5 , 1.2
	Material & Mass kg (weight lbs)	Stainless steel,22.6(inclde tail pipe)(49.8lbs)
Tail pipe	o.d. & wall thickness	60.5 , 1.2
	Material & Mass kg (weight lbs)	Stainless steel

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**Engine Description**  
**Engine Code**

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**Transr MW/FMcassette**

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

**Manual Transmission / Transaxle**

Number of foeward speeds		6
Gear ratios	1st	3.133
	2nd	2.045
	3rd	1.481
	4th	1.161
	5th	0.971
	6th	0.811
	Reverse	2.800
Synchronous meshing (specify gears)		All forward gears
Shift lever location		Floor
Trans. case mat'l. & mass kg (lbs)*		-
Lubricant	Capacity L (pt.)	1.6
	Type recommended	HONDA MTF 10W-30

**Clutch (Manual Transmission)**

Clutch manufacturer		F.C.C
Clutch type (dry, wet;single, multiple disc)		Dry, Single plate
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic
Max. pedal effort (nom. spring load) N (lbs)	Depressed	108±20 (24.2±4.5)
	Released	N.A.
Assist (spring, power/percent, nominal)		Spring
Type pressure plate springs		Diaphragm
Total spring load (nominal) N (lbs)		1986-2,273(446-511)
Clutch facing	Facing mfr. & material coding	F.C.C
	Facing material & construction	Resin Mold, Semi mold
	Rivets per facing	16
	Outside X inside dia. (nominal)	212X150
	Total eff. area cm <sup>2</sup> (in <sup>2</sup> )	176.3 (27.3)
	Thickness (pressure plate side/fly wheel side)	8.7
	Rivet depth (pressure plate side/ fly wheel side)	Min 1.1
	Engagement cushion method	Wave spring
Release bearing type & method lub.		Ball bearing permanentry lubrication
Torsional damping method, springs, hysteresis		Dumper spring

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

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**Engine Description**  
**Engine Code**

F20C1

**Autom MW/FMcassette**

Trade Name		N.A.
Type and special features (describe)		
Shift mechanics		
Gear Selector	Location (column, floor, other)	
	Ltr. /No. designation (e.g. PRND21)	
	Shift interlock (yes, no, describe)	
Gear ratios	1st	
	2nd	
	3rd	
	4th	
	Reverse	
	Final drive ratio	
Max. upshift vehicle speed-drive range km/h (mph)		
Max. upshift engine speed km/h RPM		
Max. kickdown speed - drive range km/h (mph)		
Min. overdrive speed km/h (mph)		
Torque converter	Type	
	Torus design	
	Number of elements	
	Max. ratio at stall	
	Type of cooling (air, liquid)	
	Nominal diameter	
	Capacity factor "k"	
Pump type		
Lubricant	Capacity refill L (pt.)	
	Type recommended	
Oil cooler (std., opt., N.A., internal, external, air, liquid)		
Transmission mass kg (lbs) & case material**		

**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, torsen, etc.)	
	Torque split (% front / rear)	

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

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

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**Engine Description**  
**Engine Code**

F20C1

**Axle Ra MW/FMcassette**

(see 'Power Teams' for axle ratio usage)

Effective final drive ratio (or overall top gear ratio)			N.A.
Transfer ratio and method (chain, gear, etc.)			
Front drive unit	Ring gear o.d.		
	No. of teeth	Pinion	
		Ring gear	

**Front Drive Unit**

Description (integral to trans., etc.)		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	

**Axle Shafts - Front Wheel Drive**

Manufacturer and number used			N.A.	
Type (straight, solid bar, tubular, etc.)		Left		
		Right		
Outer diam. x length* x wall thickness	Manual transaxle	Left		
		Right		
	Automatic transaxle	Left		
		Right		
	Optional transaxle	Left		
		Right		
Slip yoke	Type			
	Number of teeth			
	Spline o.d.			
Universal joints	Make and mfg. no.	Inner		
		Outer		
	Number used			
	Type, size, plunge	Inner		
		Outer		
	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)				

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

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**Engine Description**  
**Engine Code**

F20C1

**Axle Ratio/FM Cassette**

(see 'Power Teams' for axle ratio usage)

Effective final drive ratio (or overall top gear ratio)		4.100
Transfer ratio and method (chain, gear, etc.)		208.6
No. of teeth	Pinion	---
	Ring gear	---

**Rear Axle Unit**

Description (integral to trans., etc.)		Parallel axle helical gear
Limited slip differential (type)		Std. (Mechanical)
Drive pinion	Type	Helical gear
	Offset	N.A.
No. of differential pinions		2
Pinion/differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Shim
Driving wheel bearing (type)		Ball bearing
Lubricant	Capacity L (pt.)	---
	Type recommended	API GL5 or GL6 / SAE 90

**Propeller Shafts - Rear Wheel Drive**

Manufacturer and number used			UNISIA JECS CORPORATION
Type (straight, tube,tube-in-tube,internal-external damper, etc.)			Straight Tube with internal paper damper
Outer diam. x length* x wall thickness	Manul 4-speed transmisson		N.A.
	Manul 5-speed transmisson		N.A.
	Manul 6-speed transmisson		75X750X1.6
	Overdrive		N.A.
	Automatic transmission		N.A.
Intermediate bearing	Type (plain,anti-friction)		N.A.
	Lubrication( fitting,prepack )		N.A.
Slip yoke	Type		N.A.
	Number of teeth		N.A.
	Spline o.d.		N.A.
Universal joints	Make and mfg. no.	Front	UNISIA JECS CORPORATION
		Rear	UNISIA JECS CORPORATION
	Number used		2
	Type ( ball and trunnion,cross )		ball and trunnion
	Rear attach (u-bolt, clamp, etc.)		bolt
	Bearing	Type (plain, anti-friction)	ball
		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.

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Model Code/Description And/Or  
 Engine Code/Description

S2000

**Suspen MW/FMcassette**

Car leveling	Standard/optional/not avail.		
	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		
	Manual/automatic control		
	Number of damping rates		
	Type of actuation (manual/electric motor/air, etc.)		
	Sensors	Lateral acceleration	
		Deceleration	
		Acceleration	
		Road surface	
Shock absorber (front & rear)	Type		Telescopic, Hydraulic
	Make		SHOWA
	Piston diameter		40.0
	Rod diameter		12.5

**Suspension - Front**

Type and description		Independent, Double wishbone with coil spring
Travel	Full jounce(define load condition)	59.5
	Full rebound	48.8
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)	286.5 x 74.2 ~ 84.7
	Spring rate {N / mm (lb. / in.)}	38.3
	Rate at wheel {N / mm (lb. / in.)}	27.9
Stabilizer	Type (link, linkless, frameless)	Link
	Material & o.d. bar/tube, wall thickness	Spring steel, Bar,26.5

**Suspension - Rear**

Type and description		Independent, Double wishbone with coil spring
Travel	Full jounce (define load condition)	61.0
	Full rebound	56.2
Spring	Type (coil, leaf, other & material)	Coil, Spring steel
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	271.5 x 72.6 ~ 83.1
	Spring rate {N / mm (lb. / in.)}	51.0
	Rate at wheel {N / mm (lb. / in.)}	31.5
	Insulators (type & material)	Mounting, Rubber
	If leaf	No. of leaves
		Shackle (comp. or tens.)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & o.d. bar/tube, wall thickness	Spring steel, Bar 27.2
Track bar (type)		Lateral rod

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**Model Code/Description And/Or  
Engine Code/Description**

S2000

**BRAKE MW/FMcassette**

Description			Split Service Brake	
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)		NISSIN / Disk	
	Rear (disc or drum)		NISSIN / Disk	
Valving type (proportion, delay, metering, other)			Proportion	
Power brake (std., opt., n.a.)			Power Assisted Brake(Std.)	
Booster type (remote, integral, vac., hyd., etc.)			Vacuum	
Vacuum	Source (inline, pump, etc.)		Inline	
	Reservoir (volume in. <sup>3</sup> )		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.)		Std. / Std.	
	Manufacturer		HONDA MOTOR	
	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 cm <sup>2</sup> (in. <sup>2</sup> )* (F/R)			168 / 112	
Gross Lining area cm <sup>2</sup> (in. <sup>2</sup> )** (F/R)			174 / 112	
Swept area cm <sup>2</sup> (in. <sup>2</sup> *** (F/R)			192 / 112	
Rotor	Outer working diameter	F/R	300 / 282	
	Inner working diameter	F/R	193 / 193	
	Thickness	F/R	25.6 / 12.0	
	Material & Type (vented/solid)	F/R	Vented / Solid	
Drum	Diameter & width	F/R	N.A.	
	Type & material	F/R	N.A.	
Wheel cylinder bore		F/R	54.0 / 40.5	
Master cylinder	Bore, stroke	F/R	25.4 , 28.8	
Pedal arc ratio			3.3	
Line pressure at 445N (100 lb.) pedal load kPa (psi)		F/R	16475 / 6540	
Lining clearance		F/R	Self-adjusting / Self-adjusting	
Braking Lining	Front Wheel	Bonded or riveted (rivets/seg.)		Bonded
		Rivet size		N.A.
		Manufacturer		NISSIN
		Lining code *****		JB NF71GG
		Material		Resin mold
		****	Primary or outboard	99 X 49 X8.5
		Size	Secondary or inboard	99 X 49 X8.5
		Shoe thickness (no lining)		6.0
	Rear Wheel	Bonded or riveted (riveted/seg.)		Bonded
		Manufacturer		NISSIN
		Lining code *****		JB NF71GG
		Material		Resin mold
		****	Primary or outboard	71 X 40 X 7.5
		Size	Secondary or inboard	71 X 40 X 7.5
		Shoe thickness(no lining)		6.0

\* 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 brakes includes length x width x thickness.

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

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Engine Code/Description**

S2000

**Tire An MW/FMcassette**

Tires	Size (service description)		FR : 205 / 55R16 89W RR : 225 / 50R16 92W
	Type (bias, radial, steel, nylon, etc.)		Radial
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	220(32)
		Rear kPa (psi)	220(32)
	Rev./mile-at 70 km/h (45 mph)		826
Wheels	Type & material		Dish, Aluminum
	Rim (size & flange type)		FR : 16 X 6 1/2 JJ RR : 16 X 7 1/2 JJ
	Wheel offset		FR : 55 RR : 65
	Attachment	Type (bolt or stud & nut)	Bolt
		Circle diameter	114.3
		Number & size	5, M12 x 1.5
Spare	Tire and wheel		T125 / 70D16 96M, 16 x4T
	Storage position & location (describe)		Trunk

**Tire And Wheels (Optional)**

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)	
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	Type (internal or external)	N.A.
	Drum diameter	N.A.
	Lining size (length×width×thickness)	N.A.



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MW/FMcassette

**Steering**

Manual (std., opt., n.a.)			N.A.	
Power (std., opt., n.a.)			Std.	
Speed-sensitive (std., opt., n.a.)			Std.	
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** (W9) SAE J1100	Manual	N.A.		
	Power	360		
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	5.7	
		Curb to curb (l. & r.)	5.4	
	Inside Rear	Wall to wall (l. & r.)	3.1	
		Curb to curb (l. & r.)	3.2	
Scrub radius *			-5mm	
Manual	Gear	Type		
		Manufacturer		
		Ratios		Gear
		Overall		
	No. wheel turns (stop to stop)			
Power	Type (coaxial, ele., hyd., etc.)		Coaxial	
	Manufacturer		SHOWA	
	Gear	Type	Rack & Pinion	
		Ratios	Gear	-
		Overall	13.8	
		Pump (drive)		V. belt
	No. wheel turns (stop to stop)		2.4	
Linkage	Type		Lateral tie-rod	
	Location (front or rear of wheels, other)		Rear of front wheels	
	Tire rods (one or two)		Two	
Steering axis	Inclination at chamber (deg.)		Camber : 0°30' King pin angle : 10°00'	
	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.

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**Wheel Alignment**

Front wheel at curb mass (wt.)	MW/FMcassette checking	Caster (deg.)	6°
		Camber (deg.)	- 0°30'
		Toe-in outside track - mm(in.)	In 0°
	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.)	-1° 30'
		Toe- in outside track - mm	In 0° 17'
	Service reset*	Camber (deg.)	Pre-set
		Toe-in - mm (in.)	Adjustable
	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**

Electrical - Instruments And Equipment			
Speedometer	Type (analog, digital, std., opt.)		Digitaal, Std.
	Trip odometer (std., opt., n.a.)		Std.
Head-up display	Standard, optional, not available		N.A.
	Type	Secondary, opto-electronic	N.A.
	Speedometer	Digital	N.A.
	Status/warning indicators	Turn signals, high beam	N.A.
		low fuel, check gauges	N.A.
	Brightness control	Day/night mode,	N.A.
		adjustable	N.A.
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	Type	Electric gauge	
	Warning device (light, audible)		Light
Windshield wiper	Type (standard)	Electric 2-speed with intermittent and mist operation	
	Type (optional)	N.A.	
	Blade length	Driver side : 400 , Assit side : 500	
	Swept area cm <sup>2</sup> (in. <sup>2</sup> )	5178	
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.)		Std.	
Horn	Type	Electric vibrator	
	Number used		1
Other	Cruise Control Indicator, Maintenance Required Indicator, Turn Signal and Hazard Warning Indicators, ABS Indicator, Parking Brake and Brake System Indicator, Charging System Indicator, Electric Power Steering Indicator, Low Fuel Indicator, Seat Belt Reminder Light, SRS Indicator, Door-Open Indicator, Immobilizer System Indicator, Malfunction Indicator Lamp, Low Oil Pressure Indicator, Hight Beam Indicator, Trunk-Open Indicator		

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**Model Code/Description**

F20C1

**Electrical - Su MW/FMcassette**

Battery	Manufacturer	MATSUSHITA
	Model, std., (opt.)	55B24R(S)-MF
	Voltage	12 V
	Amps at 0°F cold crank	400A
	Minutes-reserve capacity	70
	Amps/hrs. - 20 hr. rate	45
	Location	Left rear of Engine Compartment
Alternator (IMA* Motor)	Manufacturer	DENSO
	Rating (idle/max. rpm)	12 V - 105 A (1,150 - 19,650rpm )
	Ratio (alt. crank/rev.)	2.183
	Output at idle (rpm, park)	50.5 A
	Optional (type & rating)	N.A.
Regulator	Type	D4FC-R1

**Electrical - Starting System**

Motor	Manufacturer	DENSO
	Current drain ____ °C(°F)	20 deg C, 230A
	Power rating kw (hp)	1.1
Motor Drive	Engagement type	Magnetic
	Pinion engages from (front, rear)	Front

**Electrical - Ignition System**

Type	Electronic (std., opt., n.a.)		Std.
	Other (specify)		N.A.
Coil	Manufacturer		DENSO
	Model		099700-0430
	Current	Engine stopped -A	0
		Engine idling -A	-
Spark plug	Manufacturer		NGK /DENSO
	Model	Std.	PFR7G-11
		Opt.	PK22PR-L11
	Thread (mm)		M4 X 1.25
	Tightening torque N.m (lb.-ft.)		18(13)
	Gap		1.1 +0 -0.1
	Number per cylinder		1
Distributor	Manufacturer		N.A.
	Model		N.A.

**Electrical - Suppression**

Location & type	Rsistor Plugs ,Resistor Plugs Wires,Engine to Frame Ground Strapes
-----------------	--

IMA\*:Intagrated Motor Assist

PDU\*:Power Drive Unit

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S2000

**Body** MW/FMcassette

Structure	Unibody Unitized construction
Bumper system front - rear	Both front and rear bumper system - Plastic covers - Energy absorbing styrofoam form - Welded sheet metal bumper beam
Anti - corrosion treatment	White body is E - coated Chipping primer -hood, Fenders, Front pillar and Side sill Galvanized steel ( both sides iron - zinc alloy coated steel sheet ) - Hood, Trunk Door skin, Side sill panel,fender inner, Wheel house ,Rear fender panel, Front pillar comp, Side sill, Sill extension and various smaller parts

**Body - Miscellaneous Information**

Type of finish (lacquer, enamel, other)		Baked enamel
Hood	Material & mass	steel Sheet / 7.40
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (internal, external)	Internal
Trunk lid	Material & mass	Steel sheet / 7.06
	Type (counterbalance, other)	Coil spring
	Internal release control(elec., mech., n.a.)	Mechanical
Hatch - back lid	Material & mass	N.A.
	Type (counterbalance, other)	
	Internal release control (elec., mech., n.a.)	
Tailgate	Material & mass	N.A.
	Type (drop, lift, door)	
	Internal release control (elec., mech., n.a.)	
Vent window control (crank, friction, pivot, power)	Front	N.A.
	Rear	N.A.
Window regulator type (cable, tape, flex drive, etc.)	Front	N.A.
	Rear	N.A.
Seat cushion type (e.g. 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket, Tube & wire steel frame, Wire spring, Fabric foam
	Rear*	N.A.
	3rd seat*	N.A.
Seat back type (e.g. 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket, Tube steel frame, Wire springs, Urethane 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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**Model Code/Description**

S2000

**Restraint Sys/MW/FMcassette**

Seating position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.) Standard/optional	1st seat	Type 2 ( shoulder / lap ) Std.	N.A.	Type 2 ( shoulder / lap ) 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 and Knee bolster ; Std.	N.A.	Air bag and Knee bolster ; Std.
		2nd seat	N.A.	N.A.	N.A.
		3rd seat	N.A.	N.A.	N.A.

	SAE Ref. No.	
<b>Glass</b>		
Windshield glass exposed surface area cm2 (in.2)	S1	7747 * 1
Side glass exposed surface area cm2 (in.2)-total 2-sides	S2	4054 * 1
Backlight glass exposed surface area cm2 (in.2)	S3	1911 * 1
Total glass exposed surface area cm2 (in.2)	S4	13712 * 1
Windshield glass (type/thickness)		Laminated Glass / 4.5
Side glass (type/thickness)		Tempered Glass / 5.0
Backlight glass (type/thickness)		Soft top : Tempered Glass / 2.6
Tinted (yes/no, location)		Yes, Front windshield glass ,Side glass and Rear windshield glass
Solar control (yes/no, coated /batched, location)		No

\*1 Daylight opening area

**Headlamps**

Description (sealed beam, halogen, replaceable bulb, etc.)	Halogen, Replaceable bulb
Shape	Polygon ,Aerodynamic
Lo - beam type (2A1, 2B1, 2C1, etc.)	DS2 12V35W
Quantity	2
Hi - beam type (1A1, 2A1, 1C1, 2C1, etc.)	HI 12V55W
Quantity	2

**Specifications**  
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**Engine Code/Description**

F20C1

**Climat MW/FMcassette**

Air conditioning ( std.,opt., man., auto.)		Std., Manual
Condenser	Type	SC
	Eff. face area (sq. mm.)	600 W x 320.5 H x 16 T
	Fins per inch	1.3
Evaporator	Type	Laminate
	Eff. face area (sq. mm.)	261.4 W x 235 H x 27 T
	Fins per inch	1.8
Heater core	Material	Al
	Eff. face area (sq. mm.)	264.1 W x 90 H x 27 T
	Fins per inch	1.8
Compressor	Type	Scroll
	Displacement (cc./Rev)	85.7
	Manufacturer	KEIHIN
	A/C pulley ratio	1.31
Accumulator	Type	-
	Height (mm.)	-
	Diameter (mm.)	-
Receiver	Type	XH-9
	Height (mm.)	160
	Diameter (mm.)	60
Refrigerant control (CCOT, TVS, etc.)		TVS
Heater water valve (yes / no)		Yes
Refrigerant (R-12, R-134a, etc.)		R-134a
Charge level(lbs. - oz)		1.21 - 1.32(19.4-21.2)
Cold engine lockout switch (yes / no)		Yes
Wide open throttle cutout switch (yes / no)		Yes

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**Convenience** MW/FMcassette

clock ( digital , analog )		N.A.
Compass / thermometer		N.A.
Console (floor, overhead)		Two console between the seats
Defroster, electric windshield		N.A.
Defroster, electric backlight		N.A.
Electronic	Diagnostic monitor (integrated, individual)	N.A.
	Instrument cluster (list instruments)	N.A.
	Keyless entry	Std.
	Tripminder (avg. spd., fuel)	20
	Voice alert (list items)	N.A.
	Other	N.A.
Fuel door lock (remoto, key, electric)		Std. (Remote)
Integrated	Std./Opt. & location in vehicle	N.A.
	Number of occupants	N.A.
Child Seating	Occupant weight/height (min. & max.)	N.A.
	Restraint system description (3 or 5-point belts/booster seat capability)	N.A.
Lamps	Auto head on/off delay, dimming	N.A.
	Cornering	N.A.
	Courtesy (map, reading)	Std.(map)
	Door lock, ignition	Std.(ignition)
	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., Manual
	L.H. (remote, power, heated)	Std., (Remote,power )
	R.H. (convex, remote, power, heated)	Std., ( Remote, Power, Convex )
	Visor vanity (RH/LH, illuminated)	Std., (RH)
Navigation system (describe)		N.A.
Parking brake-auto release (warning light)		N.A.

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**Convenience/MW/FM cassette**

Power Equipment	Deck lid (release, pull down)		N.A.
	Door locks (manual, automatic, describe system)		Manual,Electric
	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 (lumbar, hip, thigh, etc.)	N.A.
		Heated (R.H., L.H., other)	N.A.
	Side windows		N.A.
	Vent windows		N.A.
Rear windows		N.A.	
Radio Systems	Antenna (location, whip, w/shield, power)		Right side of rear outside pannel ,Whip ,Power
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep	AM / FM CD ,Stereo ,Tape ,Theft deterrent
	Optional	deterrent, radio prep package, headphone jacks, etc.	MW / FM Cassette
	Speaker (number, location)		4 (Front : 4)
Roof: open air or fixed (flip-up, sliding, "T")			N.A.
Speed control device			N.A.
Speed warning device (light, buzzer, etc.)			N.A.
Tachometer (rpm)			Std.
Telephone system (describe)			N.A.
Theft deterrent system			Steering Column Lock , Door Lock ,ECU Immobiliser (Engine's fuel cut system )

**Trailer Towing**

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

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



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**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 R<sub>1</sub> MW/FMcassette specified.

**Model Code/Description**

SAE  
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No.

S2000

**Width**

Tread (front)	W101	1470
Tread (rear)	W102	1510
Vehicle width	W103	1750
Body width at SgRP (front)	W117	1711
Vehicle width (front doors open)	W120	3400
Vehicle width (rear doors open)	W121	N.A.
Tumble-home (degrees)	W122	23.3°
Outside mirror width	W410	1829

**Length**

Wheelbase	L101	2400
Vehicle length	L103	4135
Overhang (front)	L104	810
Overhang (rear)	L105	925
Upper structure length	L123	1959
Rear wheel C/L "X" coordinate	L127	2400

**Height\***

Passenger distribution (front/rear)	PD1,2,3	2 / -
Trunk/cargo load		45
Vehicle height	H101	1270
Cowl point to ground	H114	864
Deck point to ground	H138	932
Rocker panel - front to ground	H112	143
Rocker panel - rear to ground	H111	141
Windshield slope angle (degrees)	H122	36°
Backlight slope angle (degrees)	H121	60°

**Ground Clearance\***

Front bumper to ground	H102	162
Rear bumper to ground	H104	205
Bumper to ground front at curb mass (wt.)	H103	164
Bumper to ground rear at curb mass (wt.)	H105	233
Angle of approach (degrees)	H106	13.5°
Angle of departure (degrees)	H107	13.5°
Ramp breakover angle (degrees)	H147	11.3°
Axle differential to ground (front/rear)	H153	- / 137
Min. running ground clearance	H156	107.3
Location of min. grd. clear.		Front Flange of Silencer

\* All vehicle height and ground clearances are measured at the Manufacturer's Design Load Weight.  
Manufacturer's 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.

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**Vehicle Dimensions**

See key sheets for definitions

**Model Code/Description**

S2000

MW/FMcassette

**SAE  
Ref.  
No.**

**Front Compartment**

SgRP front, "X" coordinate	L31	1671
Effective headroom	H61	879.2
Max. eff. leg room (accelerator)	L34	1126.2
SgRP to heel point	H30	188
SgRP to heel point	L53	913
Back angle (degrees)	L40	23°
Hip angle (degrees)	L42	96.8°
Knee angle (degrees)	L44	133.6°
Foot angle (degrees)	L46	86.9°
Design H-point front travel	L17	220
Normal driving & riding seat track trvl.	L23	220
Shoulder room	W3	1275.9
Hip room	W5	1265.8
Upper body opening to ground	H50	-
Steering wheel maximum diameter*	W9	360
Steering wheel angle (degrees)	H18	16.5°
Accelerator heel point to steering wheel center	L11	532
Accelerator heel point to steering wheel center	H17	572.5
Undepressed floor covering thickness	H67	2

**Rear Compartment**

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

**Luggage Compartment**

Usable luggage capacity L (cu. ft.)	V1	143
Liftover height	H195	698.3

**Interior Volumes (EPA Classification)**

Vehicle class	Two seater	
Interior volume index including trunk/cargo (cu. ft.)**	48.4	
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 Line HONDA S2000  
Model Year 2003

Issued Sep. 2002

Revised(\*)

**Vehicle Dimensions**

See key sheets for definitions

**Model Code/Description**

S2000

**Station Wagon/MW/FM cassette**  
**- Third Seat**

SAE  
Ref.  
No. N.A.

Seat facing direction	SD1	
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	
Cargo length (open second)	L201	
Cargo length (closed front)	L202	
Cargo length (closed 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 m <sup>3</sup> (ft. <sup>3</sup> )	V2	
Hidden cargo Volume index m <sup>3</sup> (ft. <sup>3</sup> )	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	
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 m <sup>3</sup> (ft. <sup>3</sup> )	V3	
Hidden cargo volume index m <sup>3</sup> (ft. <sup>3</sup> )	V4	
Cargo volume index - rear of 2 - seat	V11	

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

\* MPV - Multipurpose Vehicle

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

Vehicle Line HONDA S2000  
Model Year 2003

Issued Sep. 2002 Revised(\*\*) \_\_\_\_\_

**Model Code/**  
**Description**

ALL

**Vehicle Fiducial MW/FM cassette**

Fiducial mark number*		Define Coordinate Location
Front(1)		Datum plane definition - Vertical logitudinal plane through the longitudinal center of the car. - Vertical transverse plane through the front wheel center. - Horizontal plane through the bottom of the rocker panels.
Front(2)		
Rear(1)		
Rear(2)		
Note: Provide 3 of 4 Fiducial mark locations		
Front	W21**	-
	L54**	-
	H81**	-
	H161**	190
	H163**	-
Rear	W22**	-
	L55**	-
	H82**	-
	H162**	205
	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.

Issued      Sep. 2002      Revised(\*)

\* Reference - SAE J1100 Motor vehicle dimensions , curb weight definition.  
 \*\* 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

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**METRIC (U.S.Customary)**

Model Year 2003

Issued Sep. 2002

Revised(\*) \_\_\_\_\_

[illegible]

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