MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1992

Manufacturer	Vehicle Line	
HONDA MOTOR CO.,LTD. HONDA OF AMERICA MFG.,INC.	PRELUDE	
Mailing Address		
2-1-1,MINAMI-AOYAMA,MINATO-KU TOKYO,JAPAN	Issued September, 1991	Revised

Direct questions concerning these specifications to the manufacturer listed above.
The information contained herein is prepared, distributed by, and is solely the responsibilityof the vehicle manufacturing company to whose products it relates. This specification fromwas developed by the vehicle manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.
The General Specifications herein are those in effect at date of compilation and are subjectto change without notice or incurring obligation by the manufacturer.

Motor Vehicle Manufacturers Association
of the United States,Inc.

Blank Forms Provided by Technical Affairs Division

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Ø Indicates Format Change From Previous Year

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.

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Vehicle Origin

Design & development (company)	Honda R & D CO., LTD.
Where built (country)	Japan
Authorized U.S. sales marketing representative	American Honda Motor

Vehicle Models

Model Description & Drive (FWD/RWD/AWD/4WD)*	Introduction Date	Make,Vehicle Models, Series,Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load-Kilograms (Pounds)	EPA Fuel Economy (City /Hwy)
PRELUDE (FWD)	Oct., 1991	PRELUDE S 5M*1 (BA814)	2 / 2	45 (100)	24 / 30
		PRELUDE S 4A*2 (BA824)			22 / 30
		PRELUDE Si 5M*1 (BB215)			22 / 26
		PRELUDE Si 4A*2 (BB225)			22 / 26
		PRELUDE Si (4WS) 5M*1 (BB216)			22 / 26
		PRELUDE Si (4WS) 4A*2 (BB226)			22 / 26

*1 : 5 - speed manual transmission

*2 : 4 - speed automatic transmission

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

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Power Teams

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

			A		B		C	D
ENGINE	Engine Code		F22A1		H23A1			
	Displacement Liters (in^3)		2.156 (132)		2.259 (138)			
	Induction system (FI,Carb,etc.)		FI		FI			
	Compression ratio		8.8		9.8			
	SAE Net at RPM	Power kW (bhp)	100.7 (135) / 5200		119.4 (160) / 5800			
		Torque N · m (lb. ft.)	192 (142) / 4000		211 (156) / 4500			
	Exhaust single,dual		SINGLE		DUAL			
TRANS	Transmission/ Transaxle		5-speed manual	4-speed automatic	5-speed manual	4-speed automatic		
	Axle Ratio (Std.first)		4.062	4.285	4.266	4.428		

Series Availability		Power Teams (A - B - C - D)	
Model	Code(Engine)	Standard	Optional
PRELUDE S	F22A1	A	
PRELUDE Si	H23A1	B	
PRELUDE Si (4WS)	H23A1	B	

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Engine Description / Engine Code		F22A1	H23A1
ENGINE - GENERAL			
Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)		Inline, Front, Trasverse, SOHC	Inline, Front, Trasverse, DOHC
Manufacturer		HONDA MOTOR	
No. of cylinders		4	
Bore		85 (3.35)	87 (3.43)
Stroke		95 (3.74)	
Bore spacing (C/L to C/L)		94 (3.70)	
Cylinder block material & mass kg (lbs.) (machined)		Aluminum alloy, 22.95 (50.60)	Aluminum alloy, 22.5 (49.6)
Cylinder block deck height		219.5 (8.642)	
Cylinder block length		452.5 (17.81)	
Deck clearance (minimum) (above or below block)		—	
Cylinder head material & mass kg (lbs.)		Aluminum alloy, 8.93 (19.7)	Aluminum alloy, 11.3 (24.9)
Cylinder head volume cm³ (inches³)		50.5 (3.08)	50.0 (3.05)
Cylinder liner material		Cast iron alloy	
Head gasket thickness (compressed)		1.180 (0.046)	
Minimum combustion chamber total volume cm³ (inches³)		63.6 (3.88) per cylinder	63.9 (3.90) per cylinder
Cyl. no. system (front to rear)*	L. Bank	Left to right 1-2-3-4	
	R. Bank	N.A.	
Firing order		1-3-4-2	
Intake manifold material & mass kg (lbs.)**		Aluminum alloy, 6.50 (14.3)	Aluminum alloy, 6.70 (14.8)
Exhaust manifold material & mass kg (lbs.)**		Cast iron alloy, 6.60 (14.6)	Cast iron alloy, 5.40 (11.9)
Ø Knock sensor (number & location)		N.A.	1, Cylinder block side
Fuel required unleaded, diesel, etc.		Unleaded	Premium unleaded
Fuel antiknock index (R + M) ÷ 2		(91 + 81) / 2 = 86, or higher	(96 + 86) / 2 = 91, or higher
Engine mounts	Quantity	4	
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Rubber, Elastomeric	
	Added isolation (sub-frame, crossmember, etc.)	front / Rear beam & Front side frame	
Total dressed engine mass (wt) dry***		128 (281)	133 (293)

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum alloy, 321 (11.3)	Aluminum alloy, 343 (12.1)

Engine - Camshaft

Location		In cylinder head	
Material & mass kg (weight, lbs.)		Ni - Cr - Mo, Steel 2.7 (6.0)	Ni - Cr - Mo - Fc - S, Steel 2.9 (6.4)
Drive type	Chain/belt	Cogged belt	
	Width/pitch	24.0 (0.94) / 9.53 (0.38)	

* 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

5M* : 5 - speed Manual transmission

4A* : 4 - speed Automatic transmission

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Engine Description / Engine Code		F22A1	H23A1
Engine - Valve System			
Hydraulic lifters (std., opt., n.a.)		N.A.	
Valves	Number intake / exhaust	8 / 8	
	Head O.D. intake / exhaust	34.0 (1.34) / 29.0 (1.14)	
Engine - Connecting Rods			
Material & mass kg., (weight, lbs.)*		Carbon steel 0.35 (0.77)	
Length (axes C/L to C/L)		141.5 (5.571)	
Engine - Crankshaft			
Material & mass kg., (weight, lbs.)*		Carbon steel 16.8 (37.0)	
End thrust taken by bearing (no.)		2	
Length & number of main bearings		499 (19.6), 5	
Seal (material, one, two piece design, etc.)	Front	Silicon rubber, One piece design	
	Rear	Silicon rubber, One piece design	
Engine - Lubrication System			
Normal oil pressure kPa (psi) at engine rpm		98 (14.2) / 650 rpm	
Type oil intake (floating, stationary)		Stationary	
Oil filter system (full flow, part, other)		Fuel-flow	
Capacity of c/case, less filter-refill-L (qt.)		3.7 (4.0)	4.2 (4.5)
Engine - Diesel Information		N.A.	
Diesel engine manufacturer			
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		N.A.	
Intercooler		N.A.	

*Finished State

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Engine - Cooling System

ngine Description / Engine Code		F22A1	H23A1
Coolant recovery system (std., opt., n.a.)		Std., Pressure vent coolant recovery system	
Coolant fill location (rad., bottle)		Radiator	
Radiator cap relief valve pressure kPa (psi)		108 ± 15 (15.6 ± 2.1)	
Circulation thermostat	Type (choke, bypass)	Bypass	
	Starts to open at °C (°F)	78 ± 2 (172 ± 4)	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	5.8	5.3
	Number of pumps	1	
	Drive (V-belt, other)	Cogged belt	
	Bearing type	Ball and roller bearing	
	Impeller material	Steel	
	Housing material	Aluminum alloy	
By-pass recirculation type (inter,. ext.)		External	
Cooling system capacity	With heater-L(qt.)	3.5 (3.7)	3.8 (4.0)
	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 & tube	
	Material, mass kg (wgt., lbs.)	Aluminum, *5M : 3.6 (7.9), *4A : 4.0 (8.8)	Aluminum, *5M : 3.8 (8.4), *4A : 4.2 (9.3)
	Width	668 (26.3)	699 (27.5)
	Height	350 (13.8)	375 (14.8)
	Thickness	16.0 (0.63)	
	Fins per inch	11.3	
Radiator end tank material		Polypropylene	
Fan	Std., elec., opt.	Std., Elec.	
	Number of blades & type (flex, solid, material)	5, Flex, Polypropylene	
	Diameter & projected width	300 (11.8) & 39.5 (1.56)	
	Ratio (fan to crankshaft rev.)	N.A.	
	Fan cutout type	N.A.	
	Drive type (direct, remote)	Direct	
	RPM at idle (elec.)	2140 ± 180	
	Motor rating (wattage / elec.)	79.2 ± 9.6	
	Motor switch (type & location / elec.)	Thermo switch	
	Switch point (temp., pressure / elec.)	Open at 90 ± 3.0°C (194 ± 5.4°F)	
	Fan shroud (material)	Polypropylene	

*5M : 5-speed manual,
*4 A : 4-speed automatic

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Engine Description / Engine Code	F22A1	H23A1

Engine - Fuel System

(See supplemental page for details of Fuel injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.		Fuel injection system (PGM-FI)
Manufacturer		HONDA MOTOR
Carburetor no. of barrels		N.A.
Idle A/F mix.		14.7
Fuel injection	Point of injection (no.)	Intake manifold, (4)
	Constant, pulse, flow	Sequential flow
	Control (electronic, mech.)	Electronic
	System pressure kPa (psi)	294 (42.7)
Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	700 ± 50 in neutral *1
	Automatic	700 ± 50 in neutral *1
Intake manifold heat control (exhaust or water thermostatic or fixed)		N.A.
Air cleaner type		Non woven fabric element, dry type
Fuel filter (type/location)		Paper filter / on the front bulkhead
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	In fuel tank
	Pressure range kPa (psi)	176 (25.5) ~ 588 (85.3)
	Flow rate at regulated pressure L (gal) / hr @ kPa (psi)	More than 85.0 (22.5) @ 250 (36.3)

*1 : At normal operating temperature, all accessories turned off, cooling fan off

Fuel Tank

Capacity refill L (gallons)		60.0 (15.9)
Location (describe)		Under rear floor
Attachment		Mounted with fuel tank band
Material & Mass kg (weight lbs.)		Carbon steel, 10.8 (23.7)
Filler pipe	Location & material	Left rear quarter panel, Carbon steel pipe
	Connection to tank	Filler neck connecting 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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ngine Description / Engine Code	F22A1	H23A1

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Catalytic converter, Exhaust gas recirculation	
	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 Recircula-tion	Type (controlled flow, open orifice, other)	Controlled flow	
		Exhaust source	Exhaust port	
		Point of exhaust injection (spacer, carburetor, manifold, other)	Intake manifold	
	Catalytic Converter	Type	3-way	
		Number of	2	
		Location(s)	Under - floor	
		Volume L (in³)	Confidential	
		Substrate type	Monolith	
		Noble metal type	Confidential	
		Noble metal concentration (g/cm³)	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)		Intake manifold	
Evapora-tive Emission Control	Vapor vente 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	Single with cross-flow
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs)		1, Reverse flow, Stainless steel 7.0 (15.4)	
Resonator no. & type		1,Separate	
Exhaust pipe	Branch o.d., wall thickness	N.A.	
	Main o.d., wall thickness	50.8 (2.0), 1.5 (0.06)	
	Material & Mass kg (weight lbs)	Stainless steel , 4.5 (9.92)	Stainless steel , 8.0 (17.6)
Inter-mediate pipe	o.d. & wall thickness	48.6 (1.91), 1.6 (0.06)	
	Material & Mass kg (weight lbs)	Stainless steel, 8.1 (17.9)	
Tail pipe	o.d. & wall thickness	38.1 (1.50), 1.2 (0.05)	
	Material & Mass kg (weight lbs)	Stainless steel	

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Ø Transmissions/Transaxle (Std., Opt., N.A.)

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

Manual Transmission/Transaxle

Number of forward speeds		5	
Ø Gear ratios	1st	3.307	
	2nd	1.809	1.857
	3rd	1.230	1.320
	4th	0.903	1.034
	5th	0.705	0.812
	6th	N.A.	
	Reverse	3.000	
Synchronous meshing (specify gears)		All gears	
Shift lever location		Floor	
Trans. case mat'l. & mass kg (lbs)*		Aluminium alloy, 53.0 (117)	
Lubricant	Capacity L (pt.)	2.0 (4.2)	
	Type recommended	SF or SG	

Clutch (Manual Transmission)

Clutch manufacturer		F.C.C.	
Clutch type (dry, wet; single, multiple disc)		Dry, Single disk	
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic	
Max. pedal effort (nom. spring load) N (lbs)	Depressed	124 (27.8)	133 (30.0)
	Released	N.A.	
Assist (spring, power/percent, nominal)		Spring	
Type pressure plate springs		Diaphragm	
Total spring load (nominal) N (lbs)		4655~5145 (1047~1157)	5145~5635 (1157~1268)
Clutch facing	Facing mfgr. & material coding	F.C.C.	
	Facing material & construction	Resin Mold, Semi Mold	
	Rivets per facing	16/1	
	Outside x inside dia. (nominal)	220 x 150 (8.66 x 5.91)	
	Total eff. area cm^2 ($in.^2$)	407 (63.1)	
	Thickness (pressure plate side/ fly wheel side)	3.5/3.5 (0.14/0.14)	
	Rivet depth (pressure plate side/ fly wheel side)	min. 1.3 (0.05)	
	Engagement cushion method	Wave spring	
Release bearing type & method lub.		Ball bearing permanentry lubrication	
Torsional damping method, springs, hysteresis		Torsion springs, friction springs and washers, hysteresis	

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

*1 : For 49-States all atitude model

*2 : For California model

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Engine Description / Engine Code	F22A1	H23A1

Automatic Transmissions/Transaxle

Trade Name		Honda Automatic Transmission	
Type and special features (describe)		4-speed forward, 1-speed reverse automatic transmission with lock up clutch	
Gear Selector	Location (column, floor, other)	Floor	
	Ltr./No. designation (e.g. PRND21)	P-R-N-D_4-D_3-2-1	
	Shift interlock (yes, no, describe)	Yes, The shift lever cannot be operated unless the brake pedal is depressed	
Ø Gear ratios	1st	2.705	
	2nd	1.482	1.535
	3rd	1.028	1.057
	4th	0.707	0.750
	5th	N.A.	
	6th	N.A.	
	Reverse	2.047	
Max. upshift speed - drive range km/h (mph)		1-2 : 60 (37) 2-3 : 110 (67) 3-4 : 160 (99)	1-2 : 60 (37) 2-3 : 106 (66) 3-4 : 154 (96)
Max. kickdown speed - drive range km/h (mph)		4-3 : 128 (58) 3-2 : 90 (41) 2-1 : 40 (18)	4-3 : 123 (56) 3-2 : 88 (40) 2-1 : 44 (20)
Min. overdrive speed km/h (mph)		43 (27)	
Torque converter	Number of elements	3	
	Max. ratio at stall	1.9 @2500	
	Type of cooling (air, liquid)	Air	
	Nominal diameter	256 (10.1)	
	Capacity factor "K"*	—	
Lubricant	Capacity refill L (pt.)	2.4 (5.1)	
	Type recommended	DEXRON II	
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Std., External, Liquid	
Transmission mass kg (lbs) & case material**		85 (187), Aluminium alloy	

All Wheel / 4 Wheel Drive

N.A.

Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elect., chain/gear, etc.)		
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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Axle Ratio and Tooth Combinations (See 'Power Teams' for axle ratio usage)

Effective final drive ratio (or overall top gear ratio)				*5M : 4.062 *4A : 4.285	*5M : 4.266 *4A : 4.428
Transfer ratio and method (chain, gear, etc.)				Gear	
Front drive unit	Ring gear o.d.		*5M / *4A	198.8 (7.83) / 202.3 (7.96)	200.7 (7.90) / 203.4 (8.01)
	No. of teeth	Pinion	*5M / *4A	16 / 14	15 / 14
		Ring gear	*5M / *4A	65 / 60	64 / 62

*5M : 5-Speed manual , *4A : 4-Speed automatic

Front Drive Unit

Description (integral to trans., etc.)		Parallel axle helical gear
Limited slip differential (type)		N.A.
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.)	Lubricated by transmission oil
	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	24.5×383 (0.96×15.1)
		Right	24.5×393 (0.96×15.5)
	Automatic transaxle	Left	24.5×753 (0.96×29.6)
		Right	24.5×393 (0.96×15.5)
	Optional transaxle	Left	N.A.
		Right	N.A.
Slip yoke	Type		N.A.
	Number of teeth		N.A.
	Spline o.d.		N.A.
Universal joints	Make and mfg. no.	Inner	HONDA MOTOR
		Outer	HONDA MOTOR
	Number used		Inner : 2, Outer : 2
	Type, size, plunge	Inner	Tripod joint slide type (Constant velocity joint)
		Outer	Berfield joint fixed type (Constant velocity joint)
	Attach (u-bolt, clamp, etc.)		Circlip
	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.

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Model Code / Description And / Or Engine Code / Description	F22A1	H23A1

Suspension - General Including Electronic Controls

Car leveling	Standard/optional/not avail.		N.A.
	Manual/automatic control		N.A.
	Type (air/hydraulic)		N.A.
	Primary/assist spring		N.A.
	Rear only/4 wheel leveling		N.A.
	Single/dual rate spring		N.A.
	Single/dual ride heights		N.A.
	Provision for jacking		N.A.
Shock absorber damping controls	Standard/option/not avail.		N.A.
	Manual/automatic control		N.A.
	Number of damping rates		N.A.
	Type of actuation (manual/ electric motor/air, etc.)		N.A.
	sensors	Lateral acceleration	N.A.
		Deceleration	N.A.
		Acceleration	N.A.
		Road surface	N.A.
Shock absorber (front & rear)	Type		Telescopic, Hydraulic (Nitrogen gas - filled)
	Make		SHOWA
	Piston diameter		Front : 30.0 (1.18) Rear : 25.0 (0.98)
	Rod diameter		Front : 12.5 (0.49) Rear : 12.5 (0.49)

Suspension - Front

Type and description			Independent, Double wishbone with coil spring	
Travel	Full jounce (define load condition)		87.4 (3.44)	
	Full rebound		95.0 (3.74)	
Ø 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)		*5M : 358.4 × 63.0 ~ 76.0(14.1×2.5~3.0)	*5M : 364.3 × 63.0 ~ 76.0(14.3×2.5~3.0)
			*4A : 364.3 × 63.0 ~ 76.0(14.3×2.5~3.0)	*4A : 370.4 × 63.0 ~ 75.8(14.6×2.5~3.0)
	Spring rate [N/mm (lb./in.)]		35.3 (202)	
	Rate at wheel [N/mm (lb./in.)]		19.5 (111)	
Ø Stabilizer	Type (link, linkless, frameless)		Link	
	Material & O.D. bar/tube, wall thickness		Spring steel, 25.4 (1.0), tube, 3.50 (0.14)	

*5M : 5-speed manual transmission
*4A : 4-speed automatic transmission

Suspension - Rear

Type and description			Independent, Double wishbone with coil spring	
Travel	Full jounce (define load condition)		114.6 (4.51)	
	Full rebound		80.0 (3.15)	
Ø Spring	Type (coil, leaf, other & material)		Coil, Spring steel	
	Size (Leaf:length & width;Coil:design height & i.d.;Bar:length & diameter)		368.0 × 62.9 ~ 77.6 (14.5 × 2.5 ~ 3.1)	374.5 × 62.9 ~ 77.6 (14.7 × 2.5 ~ 3.1)
	Spring rate [N/mm (lb./in.)]		30.9 (176)	
	Rate at wheel [N/mm (lb./in.)]		19.9 (114)	
	Insulators (type & material)		Mounting, Rubber	
	If leaf	No. of leaves	N.A.	
		Shackle (comp. or tens.)	N.A.	
Ø Stabilizer	Type (link, linkless, frameless)		Link	
	Material & O.D. bar/tube, wall thickness		Spring steel, 23.0 (0.91), tube, 2.80 (0.11)	
Track bar (type)			N.A.	

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

Model Code / Description And / Or Engine Code / Description	F22A1	H23A1

Brakes - Service

Description Honda Motor				Power assisted, Hydraulic, 4-wheel brake	
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)			NISSIN, Std., Disc	
	Rear (disc or drum)			NISSIN, Std., Disc	
Valving type (proportion, delay, metering, other)				Proportion	
Power brake (std., opt., n.a.)				N.A.	
Booster type (remote, integral, vac., hyd., etc.)				Integral, Vacuum	
Vacuum	Source (inline, pump, etc.)			Inline	
	Reservoir (volume in.³)			N.A.	
	Pump-type (elec, gear driven, belt driven)			N.A.	
Ø Traction control	Operational speed range			N.A.	
	Type (engine or brake intervention)			N.A.	
Anti-lock device	Front / rear (std., opt., n.a.)			N.A.	Std.
	Manufacturer			N.A.	Honda Motor
	Type (electronic, mech.)			N.A.	Electronic
	Number sensors or circuits			N.A.	4
	Number anti-lock hydraulic circuits			N.A.	3
	Integral or add-on system			N.A.	Integral
	Yaw control (yes, no)			N.A.	No
	Hydraulic power source (elec., vac. mfr., pwr. strg.)			N.A.	Electronic
Effective area cm² (in.²)* 49.4 × 4 / 27.9 × 4				197.6 (30.63) / 111.6 (17.30)	
Gross Lining area cm² (in.²)** (F / R)				203.5 (31.54) / 111.6 (17.30)	
Swept area cm² (in.²)*** (F/R)				1287 (199.5) / 1096 (169.8)	
Rotor	Outer working diameter		F / R	258 (10.16) / 258 (10.16)	
	Inner working diameter		F / R	160 (6.30) / 178 (7.01)	
	Thickness		F / R	23 (0.91) / 10 (0.39)	
	Material & type (vented/solid)		F / R	Cast iron, Vented / Cast iron, Solid	
Drum	Diameter & width		F / R	N.A.	
	Type and material		F / R	N.A.	
Wheel cylinder bore			F / R	57.2 (2.25) / 33.96 (1.34)	
Master cylinder	Bore / stroke			25.4 (1.00) / 30.0 (1.18)	23.8 (0.94) / 30.0 (1.18)
Pedal arc ratio				4.0	
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			F / R	10341 (1500) / 4818 (699)	11257 (1633) / 5595 (812)
Lining clearance			F / R	Self-adjuster / Self-adjuster	
Brake lining — Front wheel	Bonded or riveted (rivets / seg.)			Bonded	
	Rivet size			N.A.	
	Manufacturer			AKEBONO BRAKE	
	Lining code*****			AK NS145H FF	
	Material			Resin mold (Non-asbestos)	
	****	Primary or out-board		118.5 × 49.1 × 11.5 (4.67 × 1.93 × 0.45)	
	Size	Secondary or in-board		118.5 × 49.1 × 11.5 (4.67 × 1.93 × 0.45)	
	Shoe thickness (no lining)			7 (0.28)	
Rear wheel	Bonded or riveted (rivets / seg.)			Bonded	
	Manufacturer			NISSIN SPINING	
	Lining code*****			NBK N601 FG	
	Material			Resin mold (Non-asbestos)	
	****	Primary or out-board		71 × 40 × 9 (2.80 × 1.57 × 0.35)	
	Size	Secondary or in-board		71 × 40 × 9 (2.80 × 1.57 × 0.35)	
	Shoe thickness (no lining)			6 (0.24)	

* Excludes 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 or formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

METRIC (U.S. Customary)

Model Code / Description And / Or Engine Code / Description			F22A1	H23A1
Tires And Wheels (Standard)				
Tires	Size (load range, ply)		185/70R14 87H	205/55R15 87V
	Type (bias, radial, steel, nylon, etc.)		Radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	205 (30)	220 (32)
		Rear kPa (psi)	205 (30)	220 (32)
	Rev./mile-at 70 km/h (45mph)		628	
Wheels	Type & material		Disc, Steel	Spoke, Aluminum
	Rim (size & flange type)		14 × 5½JJ	15 × 6½JJ
	Wheel offset		55 (2.17)	
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	114.3 (4.5)	
		Number & size	4, M12 × 1.5P (0.47 × 0.06)	
Spare	Tire and wheel		T125/70D15, 15 × 4T	T135/80D15, 15 × 4T
	Storage position & location (describe)		Luggage compartment	

Tires And Wheels (Optional)

N.A.

Tire size (load range, ply)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (load range, ply)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (load range, ply)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (load range, ply)	
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		On floor 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 x width x thickness)	N.A.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

Model Code / Description And / Or Engine Code / Description	S, Si	Si (4WS)

Steering

	Manual (std., opt., n.a.)			N.A.		
	Power (std., opt., n.a.)			Std.		
Ø	Speed-sensitive (std., opt., n.a.)			Std.		
Ø	4-wheel steering (std., opt., n.a.)			N.A.	Std.	
	Adjustable steering wheel/column (tilt, telescope, other)	Type		Tilt		
		Manufacturer		NIPPON SEIKO		
		(Std., opt., n.a.)		Std.		
	Wheel diameter** (W9) SAE J1100	Manual		N.A.		
		Power		380 (15.0)		
	Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	11.6 (38.1)	10.3 (33.8)	
			Curb to curb (l. & r.)	10.9 (35.9)	9.7 (31.8)	
		Inside rear	Wall to wall (l. & r.)	6.4 (21.0)	5.3 (17.4)	
			Curb to curb (l. & r.)	6.6 (21.7)	5.6 (18.4)	
	Scrub Radius*			-0.81 (-0.03)		
	Manual	Gear	Type	N.A.		
			Manufacturer	N.A.		
			Ratios Gear	N.A.		
			Ratios Overall	N.A.		
		No. wheel turns (stop to stop)		N.A.		
	Power	Type (coaxial, elec., hyd., etc.)		Hydraulic		
		Manufacturer		Honda Motor		
		Gear	Type	Rack & Pinion		
			Ratios Gear	∞		
			Ratios Overall	15.85	15.1	
		Pump (drive)		Vane pump (V belt)		
		No. wheel turns (stop to stop)		2.91	2.77	
	Linkage	Type		Lateral tie-rod		
		Location (front or rear of wheels, other)		Rear of front wheels		
		Tie rods (one or two)		Two		
	Steering axis	Inclination at camber (deg.)		Camber : 0° King pin angle : 9°6″		
		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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

Model Code / Description And / Or Engine Code / Description	S, Si	Si (4WS)

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	2°40′ ± 1°	
		Camber (deg.)	0° ± 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.)	-45′ ± 1°	-45′ ± 30′
		Toe-in outside track-mm (in.)	2 ± 2 (0.08 ± 0.08)	
	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

Speedometer	Type (analog, digital, std., opt.)		Analog, 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, low fuel, check gauges	N.A.
			N.A.
	Brightness control	Day / night mode, adjustable	N.A.
			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 indicator	Type		Electric gauge
	Warning device (light, audible)		Light
Windshield wiper	Type (standard)		Electric, 3-speed
	Type (optional)		N.A.
	Blade length		Dr side : 550 (21.65), As side : 475 (18.70)
	Swept area cm^2 ($in.^2$)		7280(1128)
Windshield washer	Type (standard)		Electric powered pump
	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		2
Other			Brake failure, Parking brake warning lamp, Door open, Trunk lid open, seat belt warning buzzer & warning lamp, Brake lamp failer warning lamp, Hi-beam indicator lamp, SRS * indicator lamp, etc.

* SRS : Supplemental Restraint System

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

Engine Code / Description	F22A1	H23A1

Electrical - Supply System

Battery	Manufacturer	YUASA / MATSUSHITA / FURUKAWA	
	Model, std., (opt.)	80D26L-MF	
	Voltage	12V	
	Amps at 0°F cold crank	550A	
	Minutes-reserve capacity	110min.	
	Amps/hrs. - 20 hr. rate	65A	
	Location	R. h. front side in engine compartment	
Alternator	Manufacturer	NIPPONDENSO	
	Rating (idle/max. rpm)	12V : 80 ~ 85A (950 ~ 18000rpm)	12V : 90 ~ 98A (1150 ~ 18000rpm)
	Ratio (alt. crank/rev.)	2.52	
	Output at idle (rpm, park)	40A	
	Optional (type & rating)	N.A.	
Regulator	Type	IC regulator, Voltage control	

Electrical - Starting System

Motor	Manufacturer	MITSUBA	
	Current drain ___ °C (°F)	—	
	Power rating kw (hp)	1.4 (1.9)	1.6 (2.1)
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	Less than 1A			
Spark plug	Manufacturer		NGK	NIPPONDENSO	NGK	NIPPONDENSO
	Model		ZFR5F-11	KJ16CR-L11	ZFR6F-11	KJ20CR-L11
	Thread (mm)		1.25			
	Tightening torque N·m (lb, ft)		0.179 ± 0.025 (3.86 ± 0.55)			
	Gap		1.0 - 1.1 (0.039 - 0.043)			
	Number per cylinder		1			
Distributor	Manufacturer		TOYO DENSO			
	Model		TD-59U		TD-61U	

Electrical - Suppression

Locations & type	N.A.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

Model Code / Description	2 - door coupe

Body

Structure	Monocoque construction
Bumper system front - rear	Plastic bumper with energy absorbing form
Anti-corrosion treatment	P.V.C. Coating : Under the vehicle Chipping primer : Hood, Roof, Fender, Front piller and side sill Rust proof wax : Door, Hood, Trunk lid, Roof, Fender, Locker panel and Quarter panel

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)		Acrylic baking
Hood	Material & mass	Iron-zinc alloy coated steel
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (internal, external)	Internal
Trunk lid	Material & mass	Iron-zinc alloy coated steel
	Type (counterbalance, other)	Counterbalance
	Internal release control (elec., mech., n.a.)	Mechanical
Hatch-back lid	Material & mass	N.A.
	Type (counterbalance, other)	N.A.
	Internal release control (elec., mech., n.a.)	N.A.
Tailgate	Material & mass	N.A.
	Type (drop, lift, door)	N.A.
	Internal release control (elec., mech., n.a.)	N.A.
Vent window control (crank, friction, pivot, power)	Front	N.A.
	Rear	N.A.
window regulator type (cable, tape, flex, drive, etc.)	Front	Flex (Pantogragh arm)
	Rear	N.A.
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	Bucket, Wire & Urethanform
	Rear	Bucket, Urethanform
	3rd seat	N.A.
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	Bucket, Wire & Urethanform
	Rear	Bucket, Urethanform
	3rd seat	N.A.

∅ Frame

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE

Model Year 1992 Issued Sep., 1991 Revised(•) _____

Model Code / Description

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)	First seat	Lap & shoulder belt, Std.	N.A.	Lap & shoulder belt, Std.
		Second seat	Lap & shoulder belt, Std.	N.A.	Lap & shoulder belt, Std.
	Standard / optional	Third seat	N.A.	N.A.	N.A.
Passive	Type & description (air bag, motorized - 2-point belt, fixed belt, knee bolster, manual - lap belt)	First seat	Air bag, Knee bolster, Std.	N.A.	Air bag, Knee bolster, Opt. *
		Second seat	N.A.	N.A.	N.A.
	Standard / optional	Third seat	N.A.	N.A.	N.A.

Glass	SAE Ref. No.	
Windshield glass exposed surface area $cm^2(in.^2)$	S1	11133 (1726)
Side glass exposed surface area $cm^2(in.^2)$ - total 2-sides	S2	8660 (1342)
Backlight glass exposed surface area $cm^2(in.^2)$	S3	9227 (1430)
Total glass exposed surface area $cm^2(in.^2)$	S4	29020 (4498)
Windshield glass (type)		Laminated safety glass
Side glass (type)		Tempered reinforced glass
Backlight glass (type)		Tempered reinforced glass

Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Replaceable bulb, Halogen
Shape	Trapezoid (Aerodynamic design)
Lo-beam type (2A1, 2B1, 2C1, etc.)	HB4
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	HB3
Quantity	2

* Only for 4WS

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

Engine Code / Description	F22A1	H23A1

⌀ Climate Control System

Air conditioning (std., opt., man., auto.)		Std. (H23A1) manual Opt. (F22A1)
Condenser	Type	Corrugated fin type
	Eff. face area (sq. mm.)	170600
	Fins per inch	10
Evaporator	Type	Corrugated fin type
	Eff. face area (sq. mm.)	61900
	Fins per inch	7.1
Heater core	Material	Copper
	Eff. face area (sq. mm.)	28200
	Fins per inch	5.6
Compressor	Type	Swash plate type
	Displacement (cc.)	90
	Manufacturer	NIPPONDENSO
	A/C pulley ratio	1.52
Accumulator	Type	N.A.
	Height (mm.)	N.A.
	Diameter (mm.)	N.A.
Receiver	Type	—
	Height (mm.)	185
	Diameter (mm.)	60
Refrigerant control (CCOT, TVS, etc.)		—
Heater water valve (yes / no)		Yes
Refrigerant (R-12, R-134a, etc.)		R-12
Charge level (lbs.-oz.)		Max. 1.76 (28)
Cold engine lockout switch (yes / no)		—
Wide open throttle cutout switch (yes / no)		—

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

Model Code / Description

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

Clock (digital, analog)		Std., Digital
Compass / thermometer		N.A.
Console (floor, overhead)		Std., floor
Defroster, elec. backlight		Std.
Electronic	Diagnostic monitor (integrated, individual)	N.A.
	Instrument cluster (list instruments)	N.A.
	Keyless entry	N.A.
	Tripminder (avg. spd., fuel)	N.A.
	Voice alert (list items)	N.A.
	Other	N.A.
Fuel door lock (remote, key, electric)		Std., Remote for release
Lamps	Auto head on / off delay, dimming	N.A.
	Cornering	N.A.
	Courtesy (map, reading)	N.A.
	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., Power
	R.H. (convex, remote, power, heated)	Std., Convex, Power
	Visor vanity (RH / LH, illuminated)	Std., RH / LH
Navigation system (describe)		N.A.
Parking brake-auto release (warning light)		N.A.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE

Model Year 1992 Issued Sep., 1991 Revised(•) _____

Model Code / Description			S	Si, Si (4WS)
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 (lumbar, hip, thigh, etc.)	N.A.	
		Heated (R.H., L.H., other)	N.A.	
	Side windows		Std.	
	Vent windows		N.A.	
	Rear windows		N.A.	
Radio systems	Antenna (location, whip. w/shield, power)		Std., Rear W/shield & Trunk side, Whip, Power	
	Standard		Std., AM, FM, Stereo, Tape	Std., AM, FM, Stereo, Tape, Theft deterrent
	Optional	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	N.A.	
	Speaker (number, location)		Std., 4, Front side door, Rear tray	Std., 6, Front side door, Instrument side, Rear tray
Roof: open air or fixed (flip-up, sliding, "T")			Std., Outer sliding	
Speed control device			Std.	
Speed warning device (light, buzzer, etc.)			N.A.	
Tachometer (rpm)			Std.	
Telephone system (describe)			N.A.	
Theft deterrent system			N.A.	

Trailer Towing

Towing capable	Yes / No	Yes
Engine / transmission / axle	Std / Opt	Std.
Tow class (I , II , III)*	Std / Opt	I
Max, gross trailer wgt. (lbs.)	Std / Opt	Std., 1000
Max, trailer tongue load. (lbs.)	Std / Opt	Std., 100
Towing package available	Yes / No	No

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

MVMA Specifications

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•) _____

METRIC (U.S. Customary)

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.	S	Si, Si (4WS)
Width			
Tread (front)	W101	1525 (60.0)	
Tread (rear)	W102	1515 (59.6)	
Vehicle width	W103	1765 (69.5)	
Body width at Sg RP (front)	W117	1765 (69.5)	
Vehicle width (front doors open)	W120	3710 (146.1)	
Vehicle width (rear doors open)	W121	N.A.	
Tumble-home (degrees)	W122	30°30'	
Outside mirror width	W410	1968 (77.5)	
Length			
Wheelbase	L101	2550 (100.4)	
Vehicle length	L103	4440 (174.8)	
Overhang (front)	L104	966 (30.0)	
Overhang (rear)	L105	924 (36.4)	
Upper structure length	L123	2461 (96.9)	
Rear wheel C/L "X" coordinate	L127	2550 (100.4)	
Height*			
Passenger distribution (front/rear)	PD1,2,3	2 / 2	
Trunk/cargo load		45 (100)	
Vehicle height	H101	1250 (49.2)	
Cowl point to ground	H114	856 (33.7)	
Deck point to ground	H138	964 (38.0)	
Rocker panel-front to ground	H112	134 (5.3)	
Rocker panel-rear to ground	H111	154 (6.1)	
Windshield slope angle (degrees)	H122	72°	
Backlight slope angle (degrees)	H121	58°	
Ground Clearance*			
Front bumper to ground	H102	253 (10.0)	202 (8.0)
Rear bumper to ground	H104	245 (9.6)	
Bumper to ground front at curb mass (wt.)	H103	268 (10.6)	218 (8.6)
Bumper to ground rear at curb mass (wt.)	H105	306 (12.0)	
Angle of approach (degrees)	H106	16°30'	15°
Angle of departure (degrees)	H107	17°42'	
Ramp breakover angle (degrees)	H147	12°42'	
Axle differential to ground (front/rear)	H153	150 (5.9)	
Min. running ground clearance	H156	130 (5.1)	
Location of min. run. grd. clear.		Rear cross beam	

* 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.

MVMA Specifications

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model Code / Description	SAE Ref. No.	2 - door coupe
Front Compartment		
SgRP front, "X" coordinate	L31	1535 (60.4)
Effective head room	H61	966 (38.0)
Max. eff. leg room (accelerator)	L34	1122 (44.2)
SgRP to heel point	H30	178 (7.0)
SgRP to heel point	L53	935 (36.8)
Back angle (degrees)	L40	25°
Hip angle (degrees)	L42	104°
Knee angle (degrees)	L44	147°
Foot angle (degrees)	L46	96°
Design H-point front travel	L17	199 (7.8)
Normal driving & riding seat track trvl.	L23	199 (7.8)
Shoulder room	W3	1371 (54.0)
Hip room	W5	1326 (52.2)
Upper body opening to ground	H50	1181 (46.5)
Steering wheel maximum diameter*	W9	380 (15.0)
Steering wheel angle (degrees)	H18	20°
Accel. heel pt. to steer. whl. cntr	L11	479 (18.9)
Accel. heel pt. to steer. whl. cntr	H17	560 (22.0)
Undepressed floor covering thickness	H67	32 (1.3)

Rear Compartment

SgRP point couple distance	L50	575 (22.6)
Effective head room	H63	891 (35.1)
Min. effective leg room	L51	715 (28.1)
SgRP (second to heel)	H31	237 (9.3)
Knee clearance	L48	-204 (-8.0)
Shoulder room	W4	1284 (50.6)
Hip room	W6	1052 (41.4)
Upper body opening to ground	H51	1179 (46.4)
Back angle (degrees)	L41	28°
Hip angle (degrees)	L43	79°30'
Knee angle (degrees)	L45	70°30'
Foot angle (degrees)	L47	108°
Depressed floor covering thickness	H73	21 (0.8)

Luggage Compartment

Usable luggage capacity L (cu. ft.)	V1	259 (9.1)
Liftover height	H195	634 (25.0)

Interior Volumes (EPA Classification)

Vehicle class		Sub-compact car
Interior volume index including trunk / cargo (cu. ft.)**		88.1
Trunk / cargo index (cu. ft.)		7.9

*See page 14.

**See definition page 33.

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

MVMA Specifications

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•) _____

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model code / Description	SAE Ref. No.	2 - door coupe
Station Wagon / MPV* - Third Seat		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		N.A.
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^3 ($ft.^3$)	V2	
Hidden cargo volume index m^3 ($ft.^3$)	V4	
Cargo volume index-rear of 2-seat	V10	
Ø Cargo volume index*	V6	
Ø Cargo width at floor*	W500	
Ø Maximum cargo height *	H505	
Hatchback - Cargo Space		N.A.
Cargo length at front seatback heigh	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^3 ($ft.^3$)	V3	
Hidden cargo volume index m^3 ($ft.^3$)	V4	
Cargo volume index-rear of 2-seat	V11	

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

* MPV - Multipurpose Vehicle

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE
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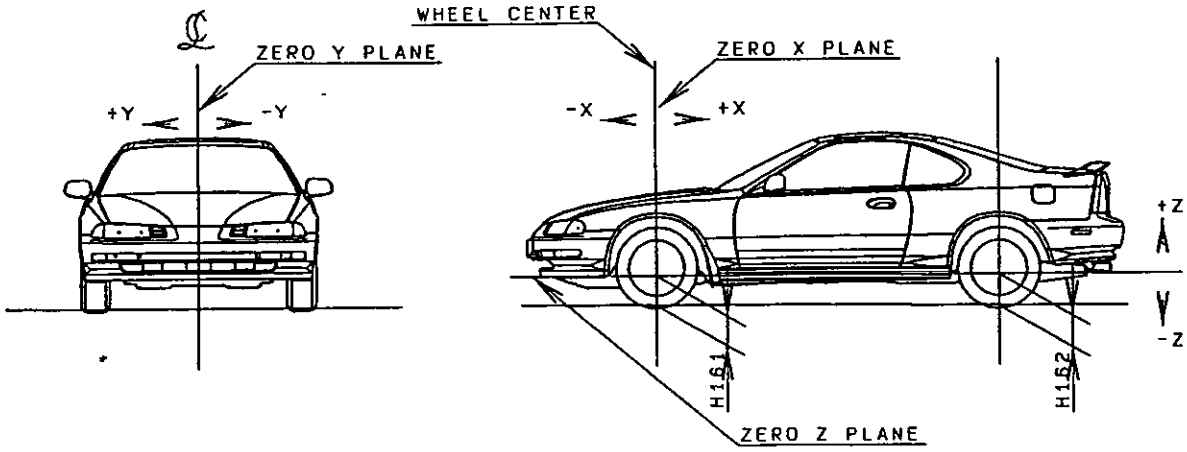
Model code / Description	2 - door coupe

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**	220 (8.66)
	H163**	—
Rear	W22**	—
	L55**	—
	H82**	—
	H162**	235 (9.25)
	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.

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Vehicle Line PRELUDE

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Code	Model	Vehicle Mass (weight)					% PASS MASS DISTRIBUTION			
		CURB MASS, kg. (lb.)*			SHIPPING MASS kg(lb)***	ETWC** Code	Pass in Front		Pass in Rear	
		Front	Rear	Total			Front	Rear	Front	Rear
BA814	PRELUDE S 5M	776	478	1254	1212	R	44	56	17	83
		(1711)	(1054)	(2765)	(2672)					
BA824	PRELUDE S 4A	800	478	1278	1236	R	44	56	17	83
		(1764)	(1054)	(2818)	(2725)					
BB215	PRELUDE Si 5M	820	480	1300	1258	R	44	56	17	83
		(1808)	(1058)	(2866)	(2773)					
BB225	PRELUDE Si 4A	845	480	1325	1283	S	44	56	17	83
		(1863)	(1058)	(2921)	(2828)					
BB216	PRELUDE Si (4WS) 5M	825	505	1330	1288	S	44	56	17	83
		(1819)	(1113)	(2932)	(2839)					
BB226	PRELUDE Si (4WS) 4A	850	505	1355	1313	S	44	56	17	83
		(1874)	(1113)	(2987)	(2894)					

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

** ETWC - Equivalent Test Weight Class - basis for U.S. Environmental Protection Agency emission certifications. Refer to ETWC code legend below for test weight class.

ETWC LEGEND

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 : 42 kg

Fuel Mass (60 - 3) x 0.74 = 42 (92.6)

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line PRELUDE
Model Year 1992 Issued Sep., 1991 Revised(•)

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements

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