

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1994

Manufacturer HONDA MOTOR CO., LTD. HONDA OF AMERICA MFG., INC.	Vehicle Line ACCORD	
Mailing Address 2-1-1, MINAMI-AOYAMA, MINATO-KU TOKYO, JAPAN	Issued September, 1993	Revised

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Motor Vehicle Manufacturers Association
of the United States, Inc.

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MVMA Specifications

METRIC (U.S. Customary)

Table of contents

1	Vehicle Models/Origin
2	Power Teams
3	Engine
4	Lubrication System
4	Diesel Information
5	Cooling System
6	Fuel System
7	Vehicle Emission Control
7	Exhaust System
8 - 10	Transmission, Axles and Shafts
11	Suspension
12 - 13	Brakes, Tires and Wheels
14	Steering
15 - 16	Electrical
17	Body - Miscellaneous Information
17	Frame
18	Restraint System
18	Glass
18	Headlamps
19	Climate Control System
20 - 21	Convenience Equipment
21	Trailer Towing
22 - 24	Vehicle Dimensions
25	Vehicle Fiducial Marks
26	Vehicle Mass (Weight)
27	Optional Equipment Differential Mass (Weight)
28 - 34	Vehicle Dimensions Definitions - Key Sheets
35	Index

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.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line

ACCORD

Model Year

1994

Issued

Sep., 1993

Revised(•)

Vehicle Origin

Design & development (company)	HONDA R & D
Where built (country)	JAPAN and U.S.A.
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)
ACCORD SEDAN (FWD)	Sep., 1993	HONDA, ACCORD SEDAN DX 5M/T (CD552) (CD551)*1 DX 4A/T (CD562) (CD561)*1 LX 5M/T (CD553) (CD554)*1 LX 4A/T (CD563) (CD564)*1 EX 5M/T (CD555)*1 (CD556)*1,*2 EX 4A/T (CD565)*1 (CD566)*1,*2	2/3	45 (100)	5M/T: 25/31 4A/T: 23/29 (DX, LX) 23/30 (EX)
ACCORD COUPE (FWD)	Oct., 1993	HONDA, ACCORD COUPE DX 5M/T (CD712) (CD711)*1 DX 4A/T (CD722) (CD721)*1 LX 5M/T (CD713) (CD714)*1 LX 4A/T (CD723) (CD724)*1 EX 5M/T (CD715)*1 (CD716)*1,*2 EX 4A/T (CD725)*1 (CD726)*1,*2			

*1 : with Anti-lock brakes (ABS)

*2 : with Leather seats

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

Power Teams

Model Year

1994

Issued

Sep., 1993

Revised(●)

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

SAE J1349 Net Chp (Brake Horsepower)

		A		B		C	D	
ENGINE	Engine Code		F22B2		F22B1			
	Displacement Liters (in ³)		2.156(132)		2.156(132)			
	Induction system (FI, Carb, etc.)		FI		FI			
	Compression ratio		8.8		8.8			
	SAE Net at RPM	Power kW (bhp)	97 (130) @5300		108 (145) @5500			
		Torque N · m (lb. ft.)	188 (139) @4200		199 (147) @4500			
Exhaust single, dual		Single		Dual				
TRANS	Transmission/ Transaxle		5-speed manual	4-speed automatic	5-speed manual	4-speed automatic		
	Effective Final Drive / Axle Ratio (std. first)		4.062	4.133	4.062	4.133		

Model	Series Availability	Power Teams (A - B - C - D)	
		Standard	Optional
ACCORD DX SEDAN	CD552, CD551, CD562, CD561	A	
ACCORD LX SEDAN	CD553, CD554, CD563, CD564	A	
ACCORD EX SEDAN	CD555, CD556, CD565, CD566	B	
ACCORD DX COUPE	CD712, CD711, CD722, CD721	A	
ACCORD LX COUPE	CD713, CD714, CD723, CD724	A	
ACCORD EX COUPE	CD715, CD716, CD725, CD726	B	

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep. 1993 Revised(*)

Engine Description
Engine Code

F22B2

F22B1

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)	Transverse, 4 cylinders, inline, sohc, 4 valves per cylinder.	
Manufacturer	HONDA MOTOR or HONDA of AMERICA	
No. of cylinders	4	
Bore	85.0	
Stroke	95.0	
Bore spacing (C/L to C/L)	94.0	
Cylinder block material & mass kg (lbs.) (machined)	Aluminium alloy, 23.5 (51.8)	
Cylinder block deck height	220	
Cylinder block length	453	
Deck clearance (minimum) (above or below block)	0	
Cylinder head material & mass kg (lbs.)	Aluminium alloy, 9.72 (21.4)	Aluminium alloy, 10.3 (22.8)
Cylinder head volume cm ³ (inches ³)	50.6 (3.09)	
Cylinder liner material	Cast iron alloy	
Head gasket thickness (compressed)	0.7	
Minimum combustion chamber total volume (inches ³)	69.1 (4.22) 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.)**	Aluminium alloy 6.0 (13.2)	
Exhaust manifold material & mass kg (lbs.)**	Cast iron alloy 4.6 (10.1)	Cast iron alloy 4.2 (9.3)
Knock sensor (number & location)	N.A.	
Fuel required unleaded, diesel, etc.	Unleaded	
Fuel antiknock index (R + M) + 2	(91 + 81) / 2 = 86 or higher	
Engine mounts	Quantity	5
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Rubber, Elastomeric Rubber, Elastomeric & hydroelastic
	Added isolation (sub-frame, crossmember, etc.)	Front, Rear, Center & Cross beams
Total dressed engine mass (kg) dry***		151 154

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminium alloy 318 (11.2)
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Engine - Camshaft

Location	In cylinder head
Material & mass kg (weight, lbs.)	(Ni-Cr-Mo Steel) 2.7 (6.0)
Drive type	Chain/belt
	Width/pitch
	cogged belt 24.0 / 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: Throttle body, Exhaust manifold, Alternator, A/C, Power steering unit

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

Engine Description

Engine Code

F22B2

F22B1

Engine - Valve System

Hydraulic lifters (std., opt., n.a.)	N.A.		
Valves	Number intake / exhaust	8 / 8	
	Head O.D. intake / exhaust	32.0 / 29.0	34.0 / 29.0

Engine - Connecting Rods

Material & mass kg., (weight, lbs.)*	Carbon steel 0.35 (0.77)
Length (axes C/L to C/L)	141.5

Engine - Crankshaft

Material & mass kg., (weight, lbs.)*		Carbon steel 16.3 (35.9)
End thrust taken by bearing (no.)		2
Length & number of main bearings		499, 5 Bearings
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	98.0 (14.2) / 650 rpm		
Type oil intake (floating, stationary)	Stationary		
Oil filter system (full flow, part, other)	Full-flow		
Capacity of oil case, less filter-refill-L (qt.)	4.0 (4.2)	3.5 (3.7)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

Engine Description

Engine Code

Engine - Cooling System

F22B1, F22B2

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 ± 14.7 (15.7 ± 2.13)
Circulation thermostat	Type (choke, bypass)	Bypass
	Starts to open at °C (°F)	78 ± 2 (172.4 ± 3.6)
Water pump	Type (centrifugal, other)	Centrifugal
	GPM 1000 pump rpm	11.6 (2000 pump rpm)
	Number of pumps	1
	Drive (V-belt, other)	Cogged belt
	Bearing type	Ball & Roller bearing, Integral shaft permanently sealed
	Impeller material	Steel
	Housing material	Aluminium alloy
By-pass recirculation type (inter., ext.)		External
Cooling system capacity	With heater-L(qt.)	5M/T : 3.2 (3.4), 4A/T : 3.1 (3.3)
	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, Tube & Fin
	Material, mass kg (wgt., lbs.)	Brass (ND*)5M/T : 3.4 (7.5), 4A/T : 4.1 (9.0) / Alum(TR*)5M/T : 2.3 (5.1), 4A/T : 2.9 (6.4)
	Width	ND* : 680, TR* 674
	Height	ND* : 350, TR* 349
	Thickness	16
	Fins per inch	5M/T : 8.5, 4A/T : 11.3
Radiator end tank material		Plastic
Fan	Std., elec., opt.	Std., Elec.
	Number of blades & type (flex, solid, material)	5 (ND*) / 4 (*ME), 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.)	*ND : Min 2300, *ME : Min 2200
	Motor rating (wattage / elec.)	*ND : 79.2 ± 9.6, *ME : 81.6 ± 8.2
	Motor switch (type & location / elec.)	Thermo Switch
	Fan shroud (material)	Polypropylene
	Switch point (temp., pressure / elec.)	Open at 90 ± 3°C

*ND : NIPPON DENSO

*TR : TOYO RADIATOR

*ME : MITSUBA ELECTRIC

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

Engine Description
Engine Code

F22B1, F22B2

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
	Automatic	700 ± 50
Intake manifold heat control (exhaust or water thermostatic or fixed)		N.A.
Air cleaner type		Non woven fabric, dry type
Fuel filter (type/location)		Paper filter / on the bulkhead
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	Inside fuel tank
	Pressure range kPa (psi)	176 (25.5) ~ 588 (85.3)
	Flow rate at regulated pressure L (gal) / hr @ kPa (psi)	More than 80 (21.1) @ 294 (42.7)

Fuel Tank

Capacity refill L (gallons)		64.5(17.0)
Location (describe)		Under rear floor
Attachment		Mounted with fuel tank band
Material & Mass kg (weight lbs.)		Carbon steel, 10.3 (22.7)
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.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

Engine Description

Engine Code

Vehicle Emission Control

F22B2	F22B1
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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 Recirculation	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 catalyst
		Number of	1
		Location(s)	Under floor
		Volume L (in ³)	Confidential
		Substrate type	Monolith
		Noble metal type	Confidential
		Noble metal concentration (g/cm ³)	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)		To intake manifold
	Air inlet (breather cap, other)		Air cleaner
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	Single with cross-over
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs)		1, Reverse flow, Stainless steel 7.2 (15.9)	1, Reverse flow, Stainless steel 8.8 (19.4)
Resonator no. & type		1, Separate	
Exhaust pipe	Branch o.d., wall thickness	N.A.	
	Main o.d., wall thickness	50.8, 1.5	51.5, 1.5
	Material & Mass kg (weight lbs)	Stainless steel pipe 2.4 (5.3)	Stainless steel pipe 4.4 (9.7)
Inter-mediate pipe	o.d. & wall thickness	45.0, 1.6	48.6, 1.6
	Material & Mass kg (weight lbs)	Stainless steel pipe 8.5 (18.7)	
Tail pipe	o.d. & wall thickness	42.7, 1.2	38.1, 1.2
	Material & Mass kg (weight lbs)	Stainless steel pipe 8.3 (18.3)	Stainless steel pipe 10.0 (22.0)

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line

ACCORD

Model Year

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Sep., 1993

Revised(•)

Engine Description

Engine Code

F22B2

F22B1

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
Gear ratios	1st	3.307
	2nd	1.809
	3rd	1.185
	4th	0.903
	5th	0.685
	6th	N.A.
	Reverse	3.000
Synchronous meshing (specify gears)		All forward gears
Shift lever location		Floor
Trans. case mat'l. & mass kg (lbs)*		Aluminium alloy, 55 (121)
Lubricant	Capacity L (pt.)	1.9 (4.0)
	Type recommended	SF or SG

Clutch (Manual Transmission)

Clutch manufacturer		DAIKIN
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 (23.8 ± 4.4)
	Released	N.A.
Assist (spring, power/percent, nominal)		Spring
Type pressure plate springs		Diaphragm
Total spring load (nominal) N (lbs)		1986 - 2273 (437 - 500) 2100 - 2273 (462 - 500)
Clutch facing	Facing mfr. & material coding	DAIKIN
	Facing material & construction	Resin Mold, Semi Mold
	Rivets per facing	16
	Outside x inside dia. (nominal)	224 x 150
	Total eff. area cm ² (in. ²)	217.4 (33.70)
	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 permanent lubrication
Torsional damping method, springs, hysteresis		Dumper rubber

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

Engine Description
Engine Code

F22B1, F22B2

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		
Shift mechanics		Hydraulic, Mechanical		
Gear Selector	Location (column, floor, other)	Floor		
	Ltr./No. designation (e.g. PRND21)	P-R-N-D4-D3-2-1		
	Shift interlock (yes, no, describe)	Yes. The shift lever cannot be operated unless the brake pedal is depressed.		
Gear ratios	1st	2.737		
	2nd	1.484		
	3rd	1.026		
	4th	0.674		
	Reverse	2.048		
	Final drive ratio	4.133		
Max. upshift vehicle speed - drive range km/h (mpg)		1-2 53 (33)	2-3 106 (66)	3-4 153 (95)
Max. upshift engine speed RPM		1-2 5400	2-3 5800	3-4 5800
Max. kickdown speed - drive range km/h (mph)		4-3 130 (81)	3-2 93 (58)	2-1 45 (28)
Min. overdrive speed km/h (mph)		—		
Torque converter	Type	3 elements - 1 stage		
	Torus design	—		
	Number of elements	3		
	Max. ratio at stall	1.85 @2650		
	Type of cooling (air, liquid)	Air		
	Nominal diameter	245		
	Capacity factor "K"	—		
Pump type		Outer gear pump (Involute gear design)		
Lubricant	Capacity refill L (qt.)	2.4 (2.5)		
	Type recommended	DEXRON II		
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Std., External, Liquid		
Transmission mass kg (lbs) & case material**		83 (183), 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.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

Engine Description
Engine Code

F22B1, F22B2

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

Effective final drive ratio (or overall top gear ratio)			5M/T : 4.062	4A/T : 4.133
Transfer ratio and method (chain, gear, etc.)			Gear	
Front drive unit	Ring gear o.d.		5M/T : 198.8	4A/T : 201.1
	No. of teeth	Pinion	5M/T : 16	4A/T : 15
		Ring gear	5M/T : 65	4A/T : 62

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	26 x 389		
		Right	26 x 389		
	Automatic transaxle	Left	26 x 748		
		Right	26 x 389		
	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.)		Cir-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.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

Model Code / Description And / Or
Engine Code / Description

	SEDAN	COUPE
DX	LX	EX

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	
	Make	SHOWA	
	Piston diameter	Front : 30.0, Rear 25.0	
	Rod diameter	12.5	

Suspension - Front

Type and description		Independent, Double wishbone with coil spring	
Travel	Full jounce (define load condition)	110	
	Full rebound	75	
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)	409.5 ~ 414.2 x 63.0 ~ 75.2	
	Spring rate [N/mm (lb./in.)]	35.9 (205)	
	Rate at wheel [N/mm (lb./in.)]	19.2 (110)	
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & O.D. bar/tube, wall thickness	Spring steel, 22.2, Tube, 3.2	Spring steel, 27.2, Tube, 3.0

Suspension - Rear

Type and description		Independent, Double wishbone with coil spring	
Travel	Full jounce (define load condition)	130	
	Full rebound	95	
Spring	Type (coil, leaf, other & material)	Coil, Spring steel	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	390.5 ~ 396.5 x 84.3 ~ 91.8	
	Spring rate [N/mm (lb./in.)]	22.6 (129)	
	Rate at wheel [N/mm (lb./in.)]	21.2 (121)	
	Insulators (type & material)	Mounting, Rubber	
	If leaf	No. of leaves	N.A.
		Shackle (comp. or tens.)	N.A.
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & O.D. bar/tube, wall thickness	N.A.	Spring steel, 15, Bar
Track bar (type)		N.A.	

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(●)

Model Code / Description And / Or
Engine Code / Description

SEDAN, COUPE

(without ABS)

Brakes - Service

Description			Power assisted, Hydraulic, 4-wheel brake	
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)		AKEBONO, Std., Disc	
	Rear (disc or drum)		NISSIN, Std., Drum	
Valving type (proportion, delay, metering, other)			Proportion	
Power brake (std., opt., n.a.)			N.A.	
Booster type (remote, integral, vac., hyd., etc.)			Integral, 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.	
	Manufacturer		N.A.	
	Type (electronic, mech.)		N.A.	
	Number sensors or circuits		N.A.	
	Number anti-lock hydraulic circuits		N.A.	
	Integral or add-on system		N.A.	
	Yaw control (yes, no)		N.A.	
Hydraulic power source (elec., vac. mfr., pwr. strg.)			N.A.	
Effective area cm ² (in. ²)* (F / R)			196 (30.4) / 296 (45.9)	
Gross Lining area cm ² (in. ²)** (F / R)			202 (31.3) / 296 (45.9)	
Swept area cm ² (in. ² *** (F/R)			1262 (195.6) / 484 (75.0)	
Rotor	Outer working diameter		F / R 259 / N.A.	
	Inner working diameter		F / R 164 / N.A.	
	Thickness		F / R 23 / N.A.	
	Material & type (vented/solid)		F / R Cast iron, Vented / N.A.	
Drum	Diameter & width		F / R N.A. / 220 x 35	
	Type and material		F / R N.A. / Leading & Trailing, Cast iron	
Wheel cylinder bore			F / R 57.1 / 19.1	
Master cylinder	Bore / stroke		23.8 / 30.0	
Pedal arc ratio			4.0	
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			F / R 10818 (1569) / 5303 (769)	
Lining clearance			F / R Self-adjuster / Self-adjuster	
Brake lining	Front wheel	Bonded or riveted (rivets / seg.)		Bonded
		Rivet size		N.A.
		Manufacturer		AKEBONO
		Lining code*****		AK NS123 EE
		Material		Resin mold, non asbestos
		****	Primary or out-board	124.4 x 51.5 x 11.5
		Size	Secondary or in-board	124.4 x 51.5 x 11.5
		Shoe thickness (no lining)		6
	Rear wheel	Bonded or riveted (rivets / seg.)		Bonded
		Manufacturer		NISSIN SPINNING
		Lining code*****		NBK D9041 EE
		Material		Resin mold, non asbestos
		****	Primary or out-board	211 x 35 x 4.5
		Size	Secondary or in-board	211 x 35 x 4.5
		Shoe thickness (no lining)		2

* 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

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

Model Code / Description And / Or
Engine Code / Description

SEDAN , COUPE

(with ABS)

Brakes - Service

Description			Power assisted, Hydraulic, 4-wheel brake.		
Manufacturer and brake type (std., opt., n.a.)		Front (disc or drum)	AKEBONO 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, 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.)		Std. / Std.		
	Manufacturer		HODNA MOTOR		
	Type (electronic, mech.)		Electronic		
	Number 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. mfr., pwr. strg.)		Electronic		
Effective area cm ² (in. ²)* (F/R)			196 (30.4) / 111.6 (17.3)		
Gross Lining area cm ² (in. ²)** (F/R)			202 (31.3) / 111.6 (17.3)		
Swept area cm ² (in. ² *** (F/R)			1262(195.6) / 1095 (169.8)		
Rotor	Outer working diameter	F/R	259 / 258		
	Inner working diameter	F/R	164 / 178		
	Thickness	F/R	23 / 10		
	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	57.1 / 34.0		
Master cylinder	Bore / stroke		25.4 / 30		
Pedal arc ratio			4.0		
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]		F/R	11594 (1682) / 6836 (992)		
Lining clearance		F/R	Self - adjuster / Self - adjuster		
Brake lining	Front wheel	Bonded or riveted (rivets / seg.)		Bonded	
		Rivet size		N.A.	
		Manufacturer		AKEBONO	
		Lining code*****		AK NS123EE	
		Material		Resin mold, non asbestos	
		****	Primary or out-board	124.4×51.5×11.5	
		Size	Secondary or in-board	124.4×51.5×11.5	
		Shoe thickness (no lining)		6	
	Rear wheel	Bonded or riveted (rivets / seg.)		Bonded	
		Manufacturer		NISSIN SPINNING	
		Lining code*****		NBK D6222FF	
		Material		Resin mold, non asbestos	
		****	Primary or out-board	71×40×9	
		Size	Secondary or in-board	71×40×9	
		Shoe thickness (no lining)		6	

* 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.

※ 1 : NISSIN ※ 2 : AKEBONO

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep. 1993 Revised(*) _____

Model Code / Description And / Or
Engine Code / Description

SEDAN, COUPE		
DX, LX	DX, LX (with ABS)	EX

Tires And Wheels (Standard)

Tires	Size (service description)		P185/70R14 87S	195/60R15 88H
	Type (bias, radial, steel, nylon, etc.)		Steel belted radial tubeless	
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	220 (32)	
		Rear kPa (psi)	220 (32)	
	Rev./mile-at 70 km/h (45mph)		851	865
Wheels	Type & material		Dish, Steel	7 spokes, Aluminum
	Rim (size & flange type)		14 x 5J	15 x 5 1/2J
	Wheel offset		50	
	Attachment	Type (bolt or stud & nut)	Stud & nut	
		Circle diameter	114.3	
Spare	Number & size		4, M12 x 1.5P	
	Tire and wheel		T115/70D14, 14x4T	T135/90D15, 15x4T
	Storage position & location (describe)		On trunk room floor	

Tires And Wheels (Optional)

Tires and wheels (optional)		
Tire size (service description)	N.A.	
Type (bias, radial, steel, nylon, etc.)	N.A.	
Wheel (type & material)	6 holes Aero type, Aluminium	5 spokes, Aluminum
Rim (size, flange type and offset)	14 x 5 1/2 JJ, 50	15 x 5 1/2 JJ, 50
Tire size (service description)	N.A.	
Type (bias, radial, steel, nylon, etc.)	N.A.	
Wheel (type & material)	N.A.	
Rim (size, flange type and offset)	N.A.	
Tire size (service description)	N.A.	
Type (bias, radial, steel, nylon, etc.)	N.A.	
Wheel (type & material)	N.A.	
Rim (size, flange type and offset)	N.A.	
Tire size (service description)	N.A.	
Type (bias, radial, steel, nylon, etc.)	N.A.	
Wheel (type & material)	N.A.	
Rim (size, flange type and offset)	N.A.	
Spare tire and wheel size (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	N.A.	

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 ACCORD
Model Year 1994 Issued Sep., 1993 Revised(*)

Model Code / Description And / Or
Engine Code / Description

SEDAN, COUPE

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	YAMADA		
	(Std., opt., n.a.)	Std.		
Wheel diameter** (W9) SAE J1100	Manual	N.A.		
	Power	380		
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	11.9 (39.0)	
		Curb to curb (l. & r.)	11.1 (36.4)	
	Inside rear	Wall to wall (l. & r.)	6.4 (21.0)	
		Curb to curb (l. & r.)	6.6 (21.7)	
Scrub Radius*			7.0	
Manual	Gear	Type	N.A.	
		Manufacturer	N.A.	
		Ratios	Gear N.A.	
		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	∞
		Overall	16.3	
	Pump (drive)		Gear pump (V Belt)	
	No. wheel turns (stop to stop)		3.1	
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 : 6°30'	
	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

ACCORD

Model Year

1994

Issued

Sep., 1993

Revised(*)

Model Code / Description And / Or
Engine Code / Description

SEDAN, COUPE

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	3 ± 1
		Camber (deg.)	0 ± 1
		Toe-in outside track-mm (in.)	0 ± 3 (0 ± 0.12)
	Service reset*	Caster (deg.)	Adjustable
		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.)	-0° 25' ± 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.
	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 pressure switch	
	Warning device (light, audible)		Light
Wind-shield wiper	Type (standard)		Electric, 3 - speed
	Type (optional)		N.A.
	Blade length		Dr. side : 600, As. side : 500
	Swept area cm ² (in. ²)		8147 (1263)
Wind-shield 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 warning lamp, Engine warning lamp, Parking brake warning lamp, Door open warning lamp & buzzer, Seat belt warning lamp & buzzer, Head lamp high-beam indicator lamp, SRS warning lamp, etc.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD

Model Year 1994 Issued Sep., 1993 Revised(*)

Engine Code / Description

F22B2

F22B1

Electrical - Supply System

Battery	Manufacturer	MATSUSHITA, DELCO	
	Model, std., (opt.)	80D26L-MF	
	Voltage	12V	
	Amps at 0°F cold crank	550A	
	Minutes-reserve capacity	110	
	Amps/hrs. - 20 hr. rate	65	
	Location	R.h. front side in engine compartment	
Alternator	Manufacturer	NIPPONDENSO	
	Rating (idle/max. rpm)	80~85A (950~18000 r.p.m)	90~98A (1150~18000r.p.m)
	Ratio (alt. crank/rev.)	2.56	
	Output at idle (rpm, park)	40A	
	Optional (type & rating)	N.A.	
Regulator	Type	IC Regulator, Voltage control	

Electrical - Starting System

Motor	Manufacturer	5M/T : NIPPONDENSO, 4A/T : MITSUBA ELECTRIC	
	Current drain °C (°F)	—	
	Power rating kw (hp)	5M/T : 1.4 (1.88), 4A/T : 1.6 (2.14)	
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 / WESTIC HITACHI
	Model		TC-18A / TC-19A CM1T-228
	Current	Engine stopped - A	—
		Engine idling - A	—
Spark plug	Manufacturer		NGK / NIPPONDENSO (ND)
	Model		NGK : ZFR5F-11 or *1ZFR6F-11 / ND : KJ16CR-L11 or *1KJ20CR-L11
	Thread (mm)		1.25
	Tightening torque N·m (lb, ft)		0.179 ± 0.025 (3.86 ± 0.55)
	Gap		1.0 - 1.1
	Number per cylinder		1
Distributor	Manufacturer		TOYO DENSO HITACHI
	Model		TD-59U D4T92-04

*1 : For not climates or continuous high speed driving.

Electrical - Suppression

Locations & type	N.A.
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MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(*)

Model Code / Description

SEDAN

COUPE

Body

Structure	Monocoque construction
Bumper system front - rear	Plastic bumper with energy-absorbing
Anti-corrosion treatment	P.V.C. coating - Under of the body Chipping primer - Hood, Roof, Fender, Front pillar & Side sill

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)		Acrylic baking	
Hood	Material & mass	Iron-zinc alloy coated steel, 16.3	
	Hinge location (front, rear)	Rear	
	Type (counterbalance, prop)	Prop	
	Release control (internal, external)	Internal	
Trunk lid	Material & mass	Iron-zinc alloy coated steel, 9.3	
	Type (counterbalance, other)	Dumper	
	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	Cable	
	Rear	Cable	Fixed
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	Bucket, Wire & Urethanfoam	
	Rear	Bench, Urethanfoam	
	3rd seat	N.A.	
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	Bucket, Wire & Urethanfoam	
	Rear	Bench, Urethanfoam	
	3rd seat	N.A.	

Frame

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

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(*) _____

Model Code / Description

Restraint System

		SEDAN		COUPE	
Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)	First seat	Std. Lap & Shoulder belt	N.A.	Std. Lap & Shoulder belt
		Second seat	Std. Lap & Shoulder belt	Std. Lap belt	Std. Lap & Shoulder belt
	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	Std. Air bag, Knee bolster	N.A.	Std. Air bag, Knee bolster
		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	12046 (1867)	11952 (1853)
Side glass exposed surface area cm ² (in. ²) - total 2-sides	S2	11598 (1798)	11735 (1819)
Backlight glass exposed surface area cm ² (in. ²)	S3	9220 (1429)	10789 (1672)
Total glass exposed surface area cm ² (in. ²)	S4	32864 (5094)	34476 (5344)
Windshield glass (type / thickness)		Laminated safety glass / 4.7	
Side glass (type / thickness)		Tempered reinforced glass / 3.5	
Backlight glass (type / thickness)		Tempered reinforced glass / 3.1	
Tinted (yes / no, location)		Yes, All glasses	
Solar control (yes / no, coated / batched, location)		No	

Headlamps

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(*)

Engine Code / Description

Climate Control System

F22A1 , F22A6		
DX	LX	EX

Air conditioning (std., opt., man., auto.)		Opt., man.	Std., man.
Condenser	Type	Corrugated fin type	
	Eff. face area (sq. mm.)	176000	
	Fins per inch	8.5	
Evaporator	Type	Corrugated fin type	
	Eff. face area (sq. mm.)	63948	
	Fins per inch	5.6	
Heater core	Material	Copper	
	Eff. face area (sq. mm.)	32460	
	Fins per inch	11.5	
Compressor	Type	Slant-plate type	Osillating slant-plate type
	Displacement (cc.)	170	
	Manufacturer	NIPPONDENSO	HADSYS INC.
	A/C pulley ratio	1.08	
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.)		R134a	
Charge level (lbs. - oz.)		1.43 (22.9)	
Cold engine lockout switch (yes / no)		No	
Wide open throttle cutout switch (yes / no)		Yes	

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(●) _____

Model Code / Description

SEDAN, COUPE	
DX	LX, EX

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)	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	Opt.	
	Courtesy (map, reading)	N.A.	
	Door lock, ignition	N.A.	Std., Ignition key
	Engine compartment	N.A.	
	Fog	Opt.	
	Glove compartment	Std.	
	Trunk	Std.	
	Illuminated entry system (list lamps, activation)	N.A.	
	Other	N.A.	Door courtesy lamp
Mirrors	Day / night (auto. man.)	Std., Manual	
	L.H. (remote, power, heated)	Std., Remote	Std., Power
	R.H. (convex, remote, power, heated)	Std., Convex, Remote	Std., Convex, Power
	Visor vanity (RH / LH, illuminated)	Std., R.H.	Std., R.H., Illuminated / Std., L.H.
	Navigation system (describe)	N.A.	
	Parking brake-auto release (warning light)	N.A.	

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

Model Code / Description

SEDAN, COUPE		
DX	LX	EX

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.	2 way (Hight)		
		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.	Std.	
	Vent windows		N.A.		
Rear windows		N.A.			
Radio systems	Antenna (location, whip, w / shield, power)		Opt.	Std., Rear side panel, Whip, Power	
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	N.A.	Std., AM, FM, Stereo, Tape Theft deterrent (EX)	
	Optional		Opt. All radio systems	Opt., Compact disc, Graphic equalizer	
	Speaker (number, location)		Opt.	Std., 4, Front side door & Rear tray	Std., 6, Front side door, Rear tray & Instrument panel
	Roof: open air or fixed (flip-up, sliding, "T")		N.A.		Std., Sliding
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		Steering lock			

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 ACCORD
Model Year 1994 Issued Sep., 1993 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.	SEDAN	COUPE
Width			
Tread (front)	W101	1515	
Tread (rear)	W102	1500	
Vehicle width	W103	1780	
Body width at Sg RP (front)	W117	1760	
Vehicle width (front doors open)	W120	3595	3900
Vehicle width (rear doors open)	W121	3425	—
Tumble-home (degrees)	W122	26°	
Outside mirror width	W410	1980	

Length

Wheelbase	L101	2715
Vehicle length	L103	4675
Overhang (front)	L104	935
Overhang (rear)	L105	1025
Upper structure length	L123	2930
Rear wheel CL "X" coordinate	L127	2715

Height*

Passenger distribution (front/rear)	PD1,2,3	2 / 3
Trunk/cargo load		45
Vehicle height	H101	1350
Cowl point to ground	H114	880
Deck point to ground	H138	980
Rocker panel-front to ground	H112	170
Rocker panel-rear to ground	H111	145
Windshield slope angle (degrees)	H122	63°
Backlight slope angle (degrees)	H121	67°

Ground Clearance*

Front bumper to ground	H102	135 (Splash sealed)
Rear bumper to ground	H104	190
Bumper to ground front at curb mass (wt.)	H103	155
Bumper to ground rear at curb mass (wt.)	H105	265
Angle of approach (degrees)	H106	16°
Angle of departure (degrees)	H107	14°
Ramp breakover angle (degrees)	H147	12°
Axle differential to ground (front/rear)	H153	N.A.
Min. running ground clearance	H156	110
Location of min. run. grd. clear.		EXHAUST SILENCER

- * 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 ACCORD
Model Year 1994 Issued Sep., 1993 Revised(•) _____

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model Code / Description

SAE
Ref.
No.

SEDAN		COUPE	
DX, LX	EX	DX, LX	EX

Front Compartment

SgRP front, "X" coordinate	L31	1455			
Effective head room	H61	1000	975	1000	975
Max. eff. leg room (accelerator)	L34	1085		1090	
SgRP to heel point	H30	240		230	
SgRP to heel point	L53	845			
Back angle (degrees)	L40	25°			
Hip angle (degrees)	L42	96°		95°	
Knee angle (degrees)	L44	127°			
Foot angle (degrees)	L46	93°		93.5°	
Design H-point front travel	L17	200			
Normal driving & riding seat track trvl.	L23	200			
Shoulder room	W3	1415		1420	
Hip room	W5	1335		1310	
Upper body opening to ground	H50	1270		1255	
Steering wheel maximum diameter*	W9	380			
Steering wheel angle (degrees)	H18	25			
Accel. heel pt. to steer. whl. cntr	L11	420			
Accel. heel pt. to steer. whl. cntr	H17	612			
Undepressed floor covering thickness	H67	18			

Rear Compartment

SgRP point couple distance	L50	780		735	
Effective head room	H63	955	931	925	920
Min. effective leg room	L51	870		795	
SgRP (second to heel)	H31	268		263	
Knee clearance	L48	-28		-68	
Shoulder room	W4	1380		1360	
Hip room	W6	1305		1210	
Upper body opening to ground	H51	1280			
Back angle (degrees)	L41	28°			
Hip angle (degrees)	L43	81.5°		79°	
Knee angle (degrees)	L45	74°		65.5°	
Foot angle (degrees)	L47	110°		105°	
Depressed floor covering thickness	H73	18			

Luggage Compartment

Usable luggage capacity L (cu. ft.)	V1	368 (13.0)			
Liftover height	H195	685			

Interior Volumes (EPA Classification)

Vehicle class		Compact			
Interior volume index including trunk / cargo (cu. ft.)**		107.7	105.5	103.1	101.5
Trunk / cargo index (cu. ft.)		13.0			

*See page 14.

**See definition page 33.

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

MVMA Specifications

Vehicle Line

ACCORD

Model Year

1994

Issued

Sep., 1993

Revised(*)

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model code / Description

Station Wagon / MPV*

- Third Seat

SAE
Ref.
No.

SEDAN, COUPE

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	
Cargo volume index*	V6	
Cargo width at floor*	W500	
Maximum cargo height *	H505	

Hatchback - Cargo Space

N.A.

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 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

ACCORD

Model Year

1994

Issued

Sep., 1993

Revised(*)

Model code /
Description

SEDAN, COUPE

Vehicle Fiducial Marks

Fiducial Mark Number*		Define Coordinate Location	
Front (1)			
Front (2)			
Rear (1)			
Rear (2)		WHEEL CENTER (= ZERO X PLANE) ZERO Y PLANE + Y ← → - Y + Y ← → - Y + Z ↑ ↓ - Z H161 ↑ H162 ↑ ZERO Z PLANE	
Note : Provide 3 of 4 Fiducial Mark Locations			
Front	W21**	—	
	L54**	—	
	H81**	—	
	H161**	223	
	H163**	—	
Rear	W22**	—	
	L55**	—	
	H82**	—	
	H162**	237	
	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)

Vehicle Line

ACCORD

Model Year

1994

Issued

Sep., 1993

Revised(●)

[illegible]

* 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

TWO LEGEND			
A	1000	I	2000
B	1125	J	2125
C	1250	K	2250
D	1375	L	2375
E	1500	M	2500
F	1625	N	2625
G	1750	O	2750
H	1875	P	2875
		Q	3000
		R	3125
		S	3250
		T	3375
		U	3500
		V	3625
		W	3750
		X	3875
		Y	4000
		Z	4250
		AA	4500
		BB	4750
		CC	5000
		DD	5250
		EE	5500
		FF	5750

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

Fuel mass $[(64.5-3) \times 0.74] = 46(101)$

*1 : with ABS : + 15 kg (+ 33 lb.)

METRIC (U.S. Customary)

ACCORD

1994

Issued

Sep., 1993

Revised(●)

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