MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1996

Manufacturer	Vehicle Line	
Honda of America Mfg., Inc.	Honda Civic Coupe	
Mailing Address	Issued	Revised
24000 Honda Parkway Marysville, OH 43040-9251	October 31, 1995	

Direct questions concerning these specifications to the manufacturer listed above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the vehicle manufacturing company to whose products it relates. This specification form was developed by the vehicle manufacturing companies under the auspices of the American Automobile Manufacturers Association.

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

AAMA

American Automobile Manufacturers Association
Forms provided by Technical Affairs Division

MVMA Specifications

Vehicle Line Honda Civic Coupe

Model Year 1996 Issued October 95 Revised (*)

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NOTE:

1 This form uses both SI metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.

2 UNLESS OTHERWISE INDICATED:
   a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
   b. Nominal design dimensions are used throughout these specifications.
   c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).

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

4 Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle dimensions") may be available from the manufacturer.

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Vehicle Origin

Design & development (company)	Honda Research & Development
Where built (country)	U.S. A.
Authorized U.S. sales marketing representative	American Honda Motor Co.

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)
Civic 2 Door Coupe DX (FWD)	Nov. - 95	Honda, Civic, DX 2 Door Coupe (5MT: EJ612, EJ613[1], EJ614, EJ615[1]) (4AT: EJ622, EJ623[1], EJ624, EJ625[1])	5 (2/3)	45 (100)	5MT: (33/38) 4AT: (29/36)
Civic 2 Door Coupe HX (FWD)		Honda, Civic, HX 2 Door Coupe (5MT: EJ712, EJ713[1], EJ714, EJ715[1]) (4AT: EJ722, EJ723[1], EJ724, EJ725[1])			5MT: (39/45) CVT: (35/39)
Civic 2 Door Coupe EX (FWD)		Honda, Civic, EX 2 Door Coupe (5MT: EJ814, EJ815[1]) (4AT: EJ824, EJ825[1])			5MT: (30/36) 4AT: (28/35)

* : FWD - Front Wheel Drive RWD - Rear Wheel Drive AWD - All Wheel Drive 4WD - Four Wheel Drive
[1]: with Anti-lock brakes (ABS)

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Power Teams

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

			A	B	C	D	E	F	
ENGINE	Engine Code		D16Y7		D16Y5		D16Y8		
	Displacement Liters (in.³)		1590 (97)		1590 (97)		1590 (97)		
	Induction system (FI, Carb, etc.)		FI		FI		FI		
	Compression ratio		9.4		9.4		9.6		
	SAE Net at RPM	Power kW (bhp)	79 (106 @ 6200		86 (115) @ 6300		95 (127) @ 6600		
		Torque N m (lb.ft)	140 (103) @ 4600		141 (104) @ 5400		146 (107) @ 5500		
	Exhaust single, dual		Single		Single		Dual		
TRANS	Transmission/ Transaxle		5 MT	4 AT	5 MT	CVT	5 MT	4 AT	
	Effective Final Drive / Axle Ratio (std. first)		4.058	4.357	3.722	5.808	4.250	4.357	

Series Availability — Power Teams (A - B - C - D)

Model	Code	Standard	Optional
Civic 2 Dr Coupe DX	EJ612, EJ613, EJ614, EJ615	A	N/A
Civic 2 Dr Coupe DX	EJ622, EJ623, EJ624, EJ625	B	N/A
Civic 2 Dr Coupe HX	EJ712, EJ713, EJ714, EJ715	C	N/A
Civic 2 Dr Coupe HX	EJ722, EJ723, EJ724, EJ725	D	N/A
Civic 2 Dr Coupe EX	EJ814, EJ815	E	N/A
Civic 2 Dr Coupe EX	EJ824, EJ825	F	N/A

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Engine Code/Description

D16Y7	D16Y5	D16Y8

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre- camber, etc.)		Inline, Front, Transverse, SOHC		
Manufacturer		Honda of America Mfg., Inc.		
No. of cylinders		4		
Bore		75.0 (2.95)		
Stroke		90.0 (3.54)		
Bore spacing (C/L to C/L)		84.0 (3.31)		
Cylinder block material & mass kg (lbs.) (machined)		[1] 15.8 (34.8)		
Cylinder block deck height		212 (8.35)		
Cylinder block length		403 (15.9)		
Deck clearance (minimum) (above or below block)		0		
Cylinder head material & mass kg (lbs.)		[1] 8.1 (17.9)	[1] 8.4 (18.5)	[1] (8.1 (17.9)
Cylinder head volume cm^3 ($in.^3$)		34.6 (2.11)	32.8 (2.00)	32.8 (2.00)
Cylinder liner material		Cast Iron		
Head gasket thickness (compressed)		0.7 ± 0.05 (0.03 ± 0.002)		
Minimum combustion chamber total volume - cm^3 ($inches^3$)		189.2 (11.55)	189.2 (11.55)	184.8 (11.28)
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.)**		[1] 2.3 (5.1)	[1] 4.1 (9.0)	[1] 3.7 (8.2)
Exhaust manifold material & mass kg (lbs.)**		N/A	N/A	[2] 4.3 (9.5)
Knock sensor (number & location)		N/A	Yes (CVT)	Yes
Fuel required unleaded diesel, etc.		Unleaded		
Fuel antiknock index (R + M) / 2		(91 + 81)/2 = 86, Not less than 86		
Engine mounts	Quantity	5		
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Rubber Elastomeric, Hydroelastic		
	Added isolation (sub-frame, cross member, etc.)	Rear Beam		
Total dressed engine mass (wt.) dry***		110.88 (244.45)	118.07 (260.30)	126.0 (277.78)

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	[1] 220.0 (7.05)	[1] 216.0 (6.93)	[1] 222.0 (7.12)

Engine - Camshaft

Location		Over Head Camshaft		
Material & mass kg (weight, lbs.)		[2] 2.3 (5.1)	[2] 2.2 (4.9)	[2] 2.6 (5.7)
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:
[1]: Aluminum Silicone Alloy
[2]: Cast Iron Alloy

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Engine - Valve System

Hydraulic lifters (std., opt., N/A)		N/A
Valves	Number intake / exhaust	8 / 8
	Head O.D. intake/exhaust	30.0 (1.18) / 26.0 (1.02)

Engine - Connecting Rods

Material & mass kg , (weight, lbs.)*	Forged Alloy, 0.43 (0.95)
Length (axis C/L to C/L)	137 (5.39)

Engine - Crankshaft

Material & mass kg, (weight, lbs.)*		Forged Steel, 13.9 (30.6)
End thrust taken by bearing (no.)		No. 4
Length & number of main bearings		23 (0.91), 5
Seal (material, one, two piece design, etc.)	Front	Fluoric Rubber, One Piece
	Rear	Fluoric Rubber, One Piece

Engine - Lubrication System

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

Engine - Diesel Information

Diesel engine manufacturer		N/A
Glow plug, current drain at 0°F		N/A
Injector nozzle	Type	N/A
	Opening pressure kPa (psi)	N/A
Pre-chamber design		N/A
Fuel injection pump	Manufacturer	N/A
	Type	N/A
Fuel injection pump drive (belt, chain, gear)		N/A
Supplementary vacuum source (type)		N/A
Fuel heater (yes/no)		N/A
Water separator, description (std., opt.)		N/A
Turbo manufacturer		N/A
Oil cooler-type (oil to engine coolant; oil to ambient air)		N/A
Oil filter		N/A

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

		D16Y7	D16Y5	D16Y8
Coolant recovery system (std., opt., N/A)		Std.		
Coolant fill location (rad., bottle)		Rad		
Radiator cap relief valve pressure kPa (psi)		108 ± 14.7 (15.6 ± 2.1)		
Circulation thermostat	Type (choke, bypass)	Bypass		
	Starts to open stat at °C (°F)	78 (172)		
Water Pump	Type (centrifugal, other)	Centrifugal		
	GPM 1000 pump rpm	4.2 GPM @ 1000 rpm		
	Number of pumps	1		
	Drive (V-belt, other)	Timing Belt Drive (Cogged Belt)		
	Bearing type	Ball Bearing		
	Impeller material	Steel		
	Housing material	Aluminum Alloy		
By-pass recirculation type (inter., ext.)		External		
Cooling system capacity	With heater-L (qt.)	MT: 4.2 (4.4), AT: 4.1 (4.3)	MT: 4.2 (4.4), CVT: 4.3 (4.5)	MT: 4.2 (4.4), AT: 4.3 (4.5)
	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, MT: 1.50 (3.31), CVT/AT: 2.14 (4.72)		
	Width	353.4 (13.91)		
	Height	349.2 (13.75)		
	Thickness	16.0 (0.63)	MT: 16.0 (0.63) CVT: 27.0 (1.06)	MT: 16.0 (0.63) AT: 27.0 (1.06)
	Fins per inch	MT: 10.2 AT: 11.3	MT: 10.2 CVT: 8.5	MT: 11.3 AT: 8.5
Radiator end tank material		Nylon		
Fan	Std., elec., opt	Std. Elec.		
	Number of blades & type (flex, solid, material)	4, Solid, Polypropylene		
	Number & location (front, rear of radiator)	1, Rear of Radiator		
	Diameter & projected width	300 (11.8), 40.5 (1.59)		
	Ratio (fan to crankshaft rev.)	N/A		
	Fan cutout type	N/A		
	Drive type (direct, remote)	Direct		
	RPM at idle (elec.)	2300		
	Motor rating (wattage/elec.)	80W		
	Motor switch (type & location / elec.)	Thermo Switch		
	Switch point (temp./pressure/ elec.)	93° ± 2°C (106°F)		
	Fan shroud (material)	Polypropylene		

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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
Manufacturer			Indiana Precision Technology
Carburetor no. of barrels			N/A
Idle A/F mix.			14.7 : 1
Fuel injection	Point of injection (no.)		Intakeport (4)
	Constant, pulse, flow		Sequential Flow
	Control (electronic, mech.)		Electronic
	System pressure kPa (psi)		250.1 (36.3)
Idle spd.- rpm (spec. neutral or drive and propane if used)		Manual	670 (Neutral)
		Automatic	700 (Neutral)
Intake manifold heat control (exhaust or water thermostatic or fixed)			Water, Fixed
Air cleaner type			Paper Element
Fuel filter (type/location)			Paper Element / Behind Engine
Fuel Pump	Type (elec. or mech.)		Electronic
	Location (eng., tank)		In Fuel Tank
	Pressure range kPa (psi)		441 - 637 (64 - 92.4)
	Flow rate at regulated pressure L (gal) / hr @ kPa (psi)		55 (14.5) @ 250 (36.3)

Fuel Tank

Capacity refill L (gallons)		45 (11.9)
Location (describe)		Rear Under Floor
Attachment		Fuel Tank Band
Material & Mass kg (weight lbs.)		Steel, 9.2 (20.3)
Filler pipe	Location & material	LH Side Rear Quarter Panel, Carbon Stl
	Connection to tank	Flexible Connecting Tube
Fuel line (material)		Steel Pipe
Fuel hose (material)		Fluoric Rubber
Return line (material)		Steel Pipe
Vapor line (material)		Steel Pipe
Extended range tank	Opt., N/A	N/A
	Capacity L (gallons)	N/A
	Location & material	N/A
	Attachment	N/A
Auxiliary tank	Opt., N/A	N/A
	Capacity L (gallons)	N/A
	Location & material	N/A
	Attachment	N/A
	Selector switch or valve	N/A
	Separate fill	N/A

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VEHICLE EMISSION CONTROL

Exhaust Emission Control	Type (air injection, engine modifications, other)		CAT	CAT / EGR	CAT
	Air Injection	Pump or pulse	N/A		
		Driven by	N/A		
		Air Distribution (head, manifold, etc.)	N/A		
		Point of entry	N/A		
	Exhaust Gas Recirculation	Type (controlled flow, open office, other)	N/A	Controlled Flow	N/A
		Exhaust source	N/A	Exhaust Port	N/A
		Point of exhaust injection (spacer, carburetor, manifold, other)	N/A	Intake Manifold	N/A
	Catalytic Converter	Type	Feedback Three-way Catalyst		
		Number of	1		
		Location (s)	Behind Exhaust Manifold		Under Floor
		Volume L (in³)	Confidential		
		Substrate type	Confidential		
		Noble metal type	Confidential		
		Noble metal concentration (g/cm³)	Confidential		
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System (PCV)		
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum		
	Discharges to (intake manifold, other)		Intake Manifold		
	Air inlet (breather cap, other)		Air Intake Pipe		
Evaporative Emission Control	Vapor vented (crankcase, canister, other)	Fuel tank	Canister		
		Carburetor	N/A		
	Vapor storage provision		Canister		
Electronic System	Closed loop (yes/no)		Yes		
	Open Loop (yes/no)		No		

ENGINE - EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)		Single	Dual
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs.)		Reverse Flow, 15.2L [1] 7.3 (16.1)	Reverse Flow, 16.8L [1] 8.3 (18.3)
Resonator no. & type		336718, Full Glass Wool Type	4075, Full Glass Wool Type
Exhaust Pipe	Branch o.d., wall thickness	N/A	38.1 , 1.0
	Main o.d., wall thickness	38.1 , 1.6	38.1 , 1.0
	Material & Mass kg (weight lbs.)	[1] 2.0 (4.4)	[1] 4.4 (9.7)
Intermediate pipe	o.d. & wall thickness	44.45 , 1.6	41.3 , 1.0
	Material & Mass kg (weight lbs.)	[2] 7.6 (16.8)	[1] 8.0 (17.6)
Tail pipe	o.d. & wall thickness	44.45 , 1.2	48.6 , 1.2
	Material & Mass kg (weight lbs.)	[1] 7.3 (16.1)	[1] 8.3 (18.3)

[1]: Stainless Steel
[2]: Steel with Aluminum Coating

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TRANSMISSION / TRANSAXLE (Std., Opt., N.A.)

Manual 4-speed (manufacturer/country)	N/A
Manual 5-speed (manufacturer/country)	Honda of America Mfg., Inc. / U.S.A.
Manual 6-speed (manufacturer/country)	N/A
Automatic (manufacturer/country)	N/A
Automatic overdrive (manufacturer/country)	Honda of America Mfg., Inc. / U.S.A.
Continuously Variable Transmission (manufacturer/country)	Honda of America Mfg., Inc. / U.S.A.

MANUAL TRANSMISSION / TRANSAXLE

Number of forward speeds		5	
Gear Ratios	1st	3.250 : 1	3.250 : 1
	2nd	1.782 : 1	1.909 : 1
	3rd	1.172 : 1	1.250 : 1
	4th	0.909 : 1	0.909 : 1
	5th	0.702 : 1	0.702 : 1
	6th	N/A	
	Reverse	3.153 : 1	3.153 : 1
Synchronous meshing (specify gears)		All Forward Gears	
Shift lever location		Floor	
Trans., case mat'l & mass kg (lbs.)*		Aluminum Silicon Alloy, 11.7 (25.8)	
Lubricant	Capacity L (pt.)	Change - 1.8 (3.8), Total - 1.9 (4.0)	
	Type recommended	API, SF or SG, SAE 10W-30 or 10W-40	

CLUTCH (MANUAL TRANSMISSION)

Clutch manufacturer		Diakin Clutch Corporation
Clutch type (dry, wet; single, multiple disc)		Dry, Single Plate Type
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic
Max. pedal effort (nom. spring load) N (lbs.)	Depressed	9.8 (21.6)
	Released	4.3 (9.5)
Assist (spring, power/percent, nominal)		Spring, 1.5 Kgf
Type pressure plate springs		Diaphragm spring
Total spring load (nominal N (lbs.))		3.92 (8.6)
Clutch Facing	Facing mfg. material coding	ASK JD-8
	Facing material & construction	Non Asbestos
	Rivets per facing	16
	Outside x inside dia. (nominal)	200.0 (7.87) x 140.0 (5.51)
	Total eff. area cm2 (in.2)	160.2 (24.8)
	Thickness (pressure plate side/fly wheel side)	3.5 (0.14) / 3.5 (0.14)
	Rivet depth (pressure plate side/fly wheel side)	1.5 (0.059) / 1.5 (0.059)
	Engagement cushion method	Disk Spring type
Release bearing type & method lubication		Ball bearing, / Push
Torsional damping method, springs, hysteresis		Coil Spring type

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

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AUTOMATIC TRANSMISSION / TRANSAXLE

Trade name		Automatic	CVT	Automatic
Type and special features (describe)		4 Speed Automatic Transmission with Lock-up Clutch	Continuously Variable Automatic Transmission with Lock-up Clutch	4 Speed Automatic Transmission with Lock-up Clutch
Shift mechanics		Hydraulic, Mechanical	Hydraulic, Mechanical	Hydraulic, Mechanical
Gear Selector	Location (column, floor, other)	Floor	Floor	Floor
	Ltr./No. designation (e.g. PRND21)	P-R-N-D4-D3-2-1	P-R-N-D-S-1	P-R-N-D4-D3-2-1
	Shift Interlock (yes, no, describe)	Yes	Yes	Yes
Gear Ratios	1st	2.600 : 1	2.466 : 1	2.722 : 1
	2nd	1.468 : 1	N/A	1.516 : 1
	3rd	0.926 : 1	N/A	0.975 : 1
	4th	0.638 : 1	0.449 : 1	0.638 : 1
	Reverse	1.954 : 1	1.954 : 1	1.954 : 1
	Final drive ratio	4.357 : 1	5.81 : 1	4.357 : 1
Max. upshift vehicle speed - drive range km/h (mph)		62 (39) 110 (69) 175 (109)	N/A	63 (39) 114 (71) 177 (111)
Max. upshift engine speed RPM		6800	5000	6900
Max. kickdown speed - drive range km/h (mph)		140 (88)	180 (113)	140 (88)
Min. overdrive speed km/h (mph)		27 (17)	60 (38)	27 (17)
Torque Converter	Type	3 Element - 2 Phase - 1 Turbine	N/A	3 Element - 2 Phase - 1 Turbine
	Torus design	Axial Flow	N/A	Axial Flow
	Number of elements	3	N/A	3
	Max. ratio at stall	2.1 ± 0.15 @ 2650	N/A	2.1 ± 0.15 @ 2650
	Type of cooling (air, liquid)	Air	N/A	Air
	Nominal diameter	232 (9.13)	N/A	232 (9.13)
	Capacity factor "K"*	1.8 ± 0.10	N/A	1.8 ± 0.10
Pump type		External Gear Pump		
Lubricant	Capacity refill L (pt.)	2.7 (5.8) chg. 5.9 (12.4) Total	6.3 (13.2)	2.7 (5.8) chg. 5.9 (12.4) Total
	Type recommended	Honda '89 ATF		
Oil cooler (std.,opt., N/A, internal , external, air, liquid)		Std., Ext., Liquid		
Transmission mass kg (lbs.) & case material **		[1] 64.2 (141.5)	[1] 73.2 (161.4)	[1] 64.2 (141.5)

ALL WHEEL / 4 WHEEL DRIVE

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

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

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

[1]: Aluminum Alloy

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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)			5 MT - 4.058	4 AT - 4.357	5 MT - 3.722	CVT - 5.810	5 MT - 4.250	4 AT - 4.357
Transfer ratio and method (chain, gear, etc.)			N/A					
Front drive unit	Ring gear o.d.		188.4	187.4	185.4	187.7	190.4	187.4
	No of teeth	Pinion	17	14	18	39, 14	16	14
		Ring gear	69	61	67	51, 61	68	61

FRONT DRIVE UNIT

Description (integral to trans., etc.)		Helical Gear	Helical Gear	Helical Gear
Limited slip differential (type)		----------		
Drive pinion	Type	Straight Bevel Gear	Straight Bevel Gear	Straight Bevel Gear
	Offset	0		
No. of differential pinions		2		
Pinion / differential	Adjustment (shim, etc.)	SHIM		
	Bearing adjustment	SHIM		
Driving wheel bearing (type)		Radio Ball Bearing		
Lubricant	Capacity L (pt.)	Common in Transmission Lubricant		
	Type recommended	Lubricated by Transmission Oil		

AXLE SHAFTS - FRONT WHEEL DRIVE

Manufacturer and number used			GKN Automotive - 2
Type (straight, solid bar, tubular, etc.)		Left	Straight, Solid Bar
		Right	Straight, Solid Bar
Outer dia. x length *x wall thickness	Manual transaxle	Left	25.0 x 723.4 x Solid
		Right	25.0 x 450.9 x Solid
	Automatic transaxle	Left	25.0 x 723.4 x Solid
		Right	25.0 x 450.9 x Solid
	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	NTN Toyo Bearing
		Outer	NTN Toyo Bearing
	Number used		Inner 2, Outer 2
	Type, size plunge	Inner	Constant Velocity Joint
		Outer	Constant Velocity Joint
	Attach (u-bolt, clamp, etc.)		Spline/Clip
	Bearing	Type (plain, anti-friction)	Inner-Roller, Outer-Ball
		Lubrication (fitting, prepack)	Prepack
Drive taken through (torque tube, arms or springs)			N/A
Torque taken through (torque tube, arms or springs)			N/A

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

(Front Wheel Drive)

MVMA Specifications

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

METRIC (U.S. Customary)
Engine Code/Description

D16Y7	D16Y5	D16Y8

AXLE RATIO AND TOOTH COMBINATIONS (See 'Power Teams' for axle ratio usage)

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

REAR AXLE UNIT

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

PROPELLER SHAFT - REAR WHEEL DRIVE

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

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

(Rear Wheel Drive)

MVMA Specifications

Vehicle Line Honda Civic Coupe
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METRIC (U.S. Customary)
Model Code/Description
And/Or
Engine Code/Description

Civic Coupe		
DX	HX	EX

SUSPENSION - GENERAL INCLUDING ELECTRONIC CONTROLS

Car Leveling	Standard/optional/not available		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 available		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 (1.2), Rear 20.0 (0.8)
	Rod diameter		Front 12.5 (0.5), Rear 12.5 (0.5)

SUSPENSION - FRONT

Type and description			Independent, Double Wishbone With Coil Spring					
Travel	Full jounce (define load condition)		116.6 (4.59)					
	Full rebound		62.9 (2.48)					
Spring	Type (coil, leaf, other & material)		Coil, Spring Steel					
	Insulators (type & material)		Mounted, Rubber					
	Size (Leaf: length & width; Coil: design height & I.D.; Bar: length & diameter)	Transmission	MT	AT	MT	CVT	MT	AT
		Base	359.0 x 58.0~74.0	369.0 x 58.0~73.2	371.0 x 58.0~73.8	384.5 x 58.0~74.0	384.5 x 58.0~74.0	379.5 x 58.0~74.0
		w/ A/C	359.0 x 58.0~74.0	369.0 x 58.0~73.2	379.5 x 58.0~74.0	384.5 x 58.0~74.0	N/A	
		w/ ABS	359.0 x 58.0~74.0	369.0 x 58.0~73.2	371.0 x 58.0~73.8	384.5 x 58.0~74.0	384.5 x 58.0~74.0	379.5 x 58.0~74.0
		w/ A/C & ABS	359.0 x 58.0~74.0	369.0 x 58.0~73.2	379.5 x 58.0~74.0	384.5 x 58.0~74.0	N/A	
	Spring rate (N/mm (lb./in.))	Base	35.3	35.6	31.9	31.4	31.4	
		w/ A/C	35.3	35.6	31.4	31.4	N/A	
		w/ ABS	35.3	35.6	31.9	31.4	31.4	
		w/ A/C & ABS	35.3	35.6	31.4	31.4	N/A	
	Rate at wheel (N/mm (lb./in.))		19.6 (112)		17.7 (101.0)			
Stabilizer	Type (link, linkless, frameless)		N/A		Link			
	Material & O.D. bar/tube, wall thickness		N/A		Spring Steel, Ø22.0 (0.9)			

SUSPENSION - REAR

Type and description			Independent, Double Wishbone With Coil Spring	
Travel	Full jounce (define load condi		135.2 (5.32)	
	Full rebound		72.9 (2.87)	
Spring	Type (coil, leaf, other & material)		Coil, Spring Steel	
	Insulators (type & material)		Mounted, Rubber	
	Size (Leaf: length & width; Coil: design height & I.D.; Bar: length & diameter)		368.5 x 64.9 ~ 79.5 (14.5 x 2.56 ~ 3.13)	368.5 x 64.9 ~ 79.5 (14.5 x 2.56 ~ 3.13)
	Spring rate (N/mm (lb./in.))		17.2 (98.0)	
	Rate at wheel (N/mm (lb./in.))		15.7 (90.0)	
	If leaf	No. of leaves	N/A	
		Shackle (comp. or tension)	N/A	
Stabilizer	Type (link, linkless, frameless)		N/A	
	Material & O.D. bar/tube, wall thickness		N/A	
Track Bar (type)			N/A	

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METRIC (U.S. Customary)
Model Code/Description
And/Or
Engine Code/Description

Civic Coupe		
DX w/o ABS	DX w/ABS	HX w/o ABS

BRAKES - SERVICE

Description					
Split Service Brake					
Manufacturer and brake type (std., opt., n/a)	Front (disc or drum)		Honda of America Mfg., Inc. / Disc		
	Rear (disc or drum)		YSK Corporation / Drum		
Valve type (proportion, delay, metering, other)			Proportion		
Power brake (std., opt., N/A)			Power Assisted Brake (standard)		
Booster type (remote, integral, vac., hyd., etc.)			Vacuum		
Vacuum	Source (inline,pump, etc.)		Inline		
	Reservoir (value in.³)		N/A		
	Pump-type (elec. gear driven, belt driven)		N/A		
Traction assist	Operational speed range		N/A		
	Type (engine or brake intervention)		N/A		
Anti-lock device	Front/rear (std., opt., n.a.)		N/A	Std / Std	N/A
	Manufacturer		N/A	ITT Teves America	N/A
	Type (electronic, mech,)		N/A	Electronic	N/A
	Number sensors or circuits		N/A	4	N/A
	Number anti-lock hydraulic circuits		N/A	3	N/A
	Integral or add-on system		N/A	Integral	N/A
	Yaw control (yes, no)		N/A	No	N/A
	Hydraulic power source (elec., vac. mfr., pwr, steering.)		N/A	Electric	N/A
Effective area cm² (in.²)*		F/R	176.4 (27.3) / 268.8 (41.7)		
Gross Lining area cm² (in.²) **		F/R	181.9 (28.2) / 268.8 (41.7)		
Swept area cm²(in.²)***		F/R	1105.9 (171.5) / 439.8 (68.2)		
Rotor	Outer working diameter	F/R	240.0 (9.45) / N/A		
	Inner working diameter	F/R	144.0 (5.67) / N/A		
	Thickness cm (in)	F/R	21.0 (0.83) / N/A		
	Material & type (vented/solid)	F/R	Cast Iron, Vented / N/A		
Drum	Diameter & width cm (in)	F/R	N/A / 200.0 (7.87), 41.0 (1.61)		
	Type and material	F/R	N/A / Solid, Cast Iron		
Wheel cylinder bore		F/R	50.8 (2.00) / 19.05 (0.75)		
Master cylinder	Bore/stroke	F/R	20.64 (0.81) / 30.0 (1.18)	22.22 (0.87) / 30.0 (1.18)	20.64 (0.81) / 30.0 (1.18)
Pedal arc ratio			3.9 : 1		
Line pressure at 445N(100lb.) pedal load (kPa (psi))		F/R	12387 / 5197	12416 / 5755	12387 / 5197
Lining clearance		F/R	Self-Adjusting / Self-Adjusting		
Brake lining	Front Wheel	Bonded or riveted (rivets/seg.)	Bonded		
		Rivet size	N/A		
		Manufacturer	AKEBONO		
		Lining Code*****	AK NS162H FF		
		Material	Semi-metallic, NS162H		
		**** Size Primary or out-board	115.7(4.55) x 45.6 (1.80) x 9.0 (0.35)		
		**** Size Secondary or in-board	115.7(4.55) x 45.6 (1.80) x 9.0 (0.35)		
		Shoe thickness (no lining)	6.0 (0.23)		
	Rear Wheel	Bonded or riveted (rivets/seg.)	Bonded		
		Manufacturer	Nissin Spinning		
		Lining Code*****	NBK D9071 FF		
		Material	Semi-metallic, D9071		
		**** Size Primary or out-board	191.8 (7.56) x 35.0 (1.38) x 4.5 (0.18)		
		**** Size Secondary or in-board	191.8 (7.56) x 35.0 (1.38) x 4.5 (0.18)		
		Shoe thickness (no lining)	2.0 (0.08)		

* Excludes rivet holds, 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 PiVw for each brake.)
**** Size for drum brakes: length x width x thickness; size for disc brakes: (O.D. - I.D.) / 2 x contact circ. x thickness.
***** Manufacturing I.D., catalog for formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

METRIC (U.S. Customary)
Model Code/Description
And/Or
Engine Code/Description

Civic Coupe		
HX w/ABS	EX w/o ABS	EX w/ABS

BRAKES - SERVICE

Description			Split Service Brake		
Manufacturer and brake type (std., opt., n/a)	Front (disc or drum)		Honda of America Mfg., Inc. / Disk		
	Rear (disc or drum)		YSK Corporation / Drum		
Valve type (proportion, delay, metering, other)			Proportion		
Power brake (std., opt., N/A)			Std.		
Booster type (remote, integral, vac., hyd., etc.)			Vacuum		
Vacuum	Source (inline,pump, etc.)		Inline		
	Reservoir (value 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	N/A	Std.
	Manufacturer		ITT Teves America	N/A	ITT Teves America
	Type (electronic, mech,)		Electric	N/A	Electric
	Number sensors or circuits		4	N/A	4
	Number anti-lock hydraulic circuits		3	N/A	3
	Integral or add-on system		Integral	N/A	Integral
	Yaw control (yes, no)		No	N/A	No
	Hydraulic power source (elec., vac. mfr., pwr, steering.)		Electronic	N/A	Electronic
Effective area cm² (in.²)*		F/R	176.4 (27.3) / 268.8 (41.7)	150.0 (23.3) / 268.8 (41.7)	
Gross Lining area cm² (in.²) **		F/R	181.9 (28.2) / 268.8 (41.7)	184.14 (28.5) / 268.8 (41.7)	
Swept area cm²(in.²)***		F/R	1105.9 (171.5) / 439.8 (68.2)	1251.8 (194.1) / 439.8 (68.2)	
Rotor	Outer working diameter	F/R	240.0 (9.44) / N/A	262.0 (10.31) / N/A	
	Inner working diameter	F/R	144.0 (5.66) / N/A	160.0 (6.29) / N/A	
	Thickness cm (in)	F/R	21.0 (0.82) / N/A	21.0 (0.82) / N/A	
	Material & type (vented/solid)	F/R	Cast Iron, Vented / N/A	Cast Iron, Vented / N/A	
Drum	Diameter & width cm (in)	F/R	N/A / 200.0 (4.88), 41.0 (1.61)		
	Type and material	F/R	N/A / Solid, Cast Iron		
Wheel cylinder bore		F/R	50.8 (2.8) / 19.05 (0.75)	53.97 (2.12) / 19.05 (0.75)	
Master cylinder	Bore/stroke	F/R	22.22 (0.87) / 30.0 (1.18)	22.22 (0.87) / 30.0 (1.18)	23.81 (0.94) / 30.0 (1.18)
Pedal arc ratio			3.9 : 1		
Line pressure at 445N(100lb.) pedal load (kPa (psi))			12416 / 5755	10623 / 5920	10662 / 6605
Lining clearance		F/R	Self-Adjusting / Self-Adjusting		
Brake lining	Front Wheel	Bonded or riveted (rivets/seg.)	Bonded		
		Rivet size	N/A		
		Manufacturer	AKEBONO		
		Lining Code*****	AK NS162H FF	AK NS175H EF	
		Material	Semi-metallic, NS162H	Semi-metallic, NS175H	
		**** Primary or out-board	115.7 (4.55) x 45.6 (0.55) x 9.0 (0.35)	103.4 (4.07) X 47.1 (1.85) X 10.0 (0.39)	
		Size Secondary or in-board	115.7 (4.55) x 45.6 (0.55) x 9.0 (0.35)	103.4 (4.07) X 47.1 (1.85) X 10.0 (0.39)	
		Shoe thickness (no lining)	6.0 (0.23)		
	Rear Wheel	Bonded or riveted (rivets/seg.)	Bonded		
		Manufacturer	Nissin Spinning		
		Lining Code*****	NBK D9071 FF		
		Material	Semi-metallic, D9071		
		**** Primary or out-board	191.8 (7.56) x 35.0 (1.38) x 4.5 (0.18)		
		Size Secondary or in-board	191.8 (7.56) x 35.0 (1.38) x 4.5 (0.18)		
		Shoe thickness (no lining)	2.0 (0.08)		

* Excludes rivet holds, 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/w for each brake.)
**** Size for drum brakes: length x width x thickness; size for disc brakes: (O.D. - I.D.) / 2 x contact circ. x thickness.
***** Manufacturing I.D., catalog for formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

METRIC (U.S. Customary)
Model Code/Description
And/Or
Engine Code/Description

	Civic Coupe		
	DX	HX	EX

TIRES AND WHEELS (Standard)

			DX	HX	EX
Tires	Size (service description)		P175/70R13 82S	P185/65R14 85S	P185/65R14 85S
	Type (bias, radial, steel, nylon, etc.)		Radial		
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	220 (32)	210 (30)	210 (30)
		Rear kPa (psi)	220 (32)	200 (29)	200 (29)
	Rev./mile-at 70 km/h (45mph)		890	859	859
Wheels	Type & material		Disk, Steel	Disk, Aluminum	Disk, Steel
	Rim (size & flange type)		13 x 5J	14 x 5½ JJ	
	Wheel offset		45 (1.77)		
	Attachment	Type (bolt or stud & nut)	Stud & Nut		
		Circle diameter	100 (3.94)		
		Number & size	4 M12 X 1.5P		
Spare	Tire and Wheel		w/o ABS T105/80 D13 - 13 x 4T w/ABS T115/70 D14 - 14 x 4T	w/o ABS T105/80 D13 - 13 x 4T w/ABS T125/70 D14 - 14 x 4T	w/o ABS T105/70 D14 - 14 x 4T w/ABS T125/70 D14 - 14 x 4T
	Storage position & location (describe)		In Trunk Well		

TIRES AND WHEELS (Optional)

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
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		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

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And/Or
Engine Code/Description

Civic Coupe		
DX	HX	EX

STEERING

Manual (std., opt., n/a)				Std. - 5 MT	N/A
Power (std., opt., n/a)				Std - 4 AT	Std.
Speed-sensitive (std., opt., n/a)				N/A	
4-wheel steering (std., opt., n/a)				N/A	
Adjustable steering wheel/colum n (tilt, telescope, other)		Type		Tilt	
		Manufacturer		Nastech Manufacturing Inc.	
		(std., opt., n/a)		Std.	
Wheel diameter** (W9) SAE J1100		Manual		380.0 (14.96)	N/A
		Power		380.0 (14.96)	
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		11.1 (36.4)	
		Curb to Curb (l. & r.)		10.4 (34.1)	
	Inside rear	Wall to wall (l. & r.)		5.8 (19.0)	
		Curb to Curb (l. & r.)		6.0 (19.7)	
Scrub Radius*				3.4 (0.13)	4.2 (0.17)
Manual	Gear	Type		Rack & Pinion	N/A
		Manufacturer		Yanagawa Seiki	N/A
		Ratios	Gear	∞	N/A
			Overall	N/A	N/A
	No. wheel turns (stop to stop)			4.12	N/A
Power	Type (coaxial, elec., hyd., etc.)			Hydraulic	
	Manufacturer			Blanchester FCM	
	Gear	Type		Power Assisted Rack and Pinion	
		Ratios	Gear	∞	
			Overall	17.5 : 1	
	Pump (drive)			Gear Pump (V-Belt)	
	No. wheel turns (stop to stop)			3.6	
Linkage	Type			Laterial 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 : 10° 52'	
	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 27

MVMA Specifications

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METRIC (U.S. Customary)
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Civic Coupe

WHEEL ALIGNMENT

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	1° 40'
		Camber (deg.)	0°
		Toe-in outside track-mm (in.)	1.0 (0.04)
	Service reset *	Caster (deg.)	Pre-Set
		Camber (deg.)	Pre-Set
		Toe-in outside track-mm (in.)	Adjustable
	Periodic M.V. inspection	Caster (deg.)	Same As Service Checking
		Camber (deg.)	Same As Service Checking
		Toe-in outside track-mm (in.)	Same As Service Checking
Rear wheel at curb mass (wt.)	Service Checking	Camber (deg.)	-1°
		Toe-in outside track-mm (in.)	2.0 (0.08)
	Service reset *	Camber (deg.)	Pre-Set
		Toe-in outside track-mm (in.)	Adjustable
	Periodic M.V. inspection	Camber (deg.)	Same As Service Checking
		Toe-in outside track-mm (in.)	Same As Service Checking

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

ELECTRICAL - INSTRUMENTS AND EQUIPMENT

Speed-ometer	Type (analog, digital, std., opt.)		Analog, Standard
	Trip odometer (std., opt., n/a)		Standard
Head-up display	Standard, optional, not available		N/A
	Type	Secondary, opto-electronic	N/A
	Speed-ometer	Digital	N/A
	Status/ Warn.Ind.	Turn signals, high beam, low fuel, check guages	N/A
	Brightness Control	Day/night mode, adjustable	N/A
EGR maintenance indicator			N/A
Charge indicator	Type		Voltage Regulator
	Warning device (light, audible)		Light
Temperature indicator	Type		Electric Thermal Guage
	Warning device (light, audible)		Light
Oil pressure indicator	Type		Electric Pressure Switch
	Warning device (light, audible)		Light
Fuel indicator	Type		Electric Switch, Analog Guage
	Warning device (light, audible)		Light
Windshield wiper	Type (standard)		3 Speed ; Intermittent, Low, High
	Type (optional)		N/A
	Blade length		Driver Side 500 (20) Passenger Side 450 (18)
	Swept area cm² (in.²)		7033 (1090)
Windshield washer	Type (standard)		Electric 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		1
Other			

MVMA Specifications

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Model Year 1996 Issued October 95 Revised (*)

METRIC (U.S. Customary)
Model Code/Description
And/Or
Engine Code/Description

Civic Coupe

ELECTRICAL - SUPPLY SYSTEM

Battery	Manufacturer	Delco
	Model, std., (opt.)	55B24L-MF
	Voltage	12
	Amps of 0°F cold crank	410
	Minutes-reverse capacity	70
	Amps/hrs.-20 hr rate	47
	Location	Right Side Engine Compartment
Alternator	Manufacturer	Mitsubishi
	Rating (idle/max. rpm)	12V 70A (700-18000 rpm)
	Ratio (alt. crank/rev.)	2.6 : 1
	Output at idle (rpm, park)	37.5A
	Optional (type & rating)	N/A
Regulator	Type	IC Regulator

ELECTRICAL - STARTING SYSTEM

Motor	Manufacturer	Mitsuba
	Current drain 20°C (°F)	N/A
	Power rating kw (jp)	MT: 1.0 (1.40) AT, CVT: 1.2 (1.61)
Motor drive	Engagement type	Magnetic
	Piston engages from (front, rear)	Right Side

ELECTRICAL - IGNITION SYSTEM

Type	Electronic (std., opt., n/a)		Standard
	Other (specify)		N/A
Coil	Manufacturer		MT, AT : Weastec, CVT : Hitachi
	Model		MT, AT: TC-08A, CVT: CM1T-228
	Current	Engine stopped - A	0
		Engine idling - A	-
Spark plug	Manufacturer		NGK
	Model		DX,EX: ZFR5F-11, HX: ZFR4F-11
	Thread (mm)		14
	Tightening torque N-m (lb. ft.)		18 (13)
	Gap		1.1 ± 0.1 (0.043 ± 0.004)
	Number per cylinder		1
Distributor	Manufacturer		DX, EX: Weastec HX: Hitachi
	Model		DX, EX: TD-41U HX: D4T92-04

ELECTRICAL - SUPPRESSION

Locations & type	Resistor Plugs, Resistor Plug Wires, Engine to Frame Ground Straps

MVMA Specifications

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

METRIC (U.S. Customary)
Model Code/Description
And/Or
Engine Code/Description

Civic Coupe		
DX	HX	EX

BODY

Structure	Unibody, Unitized Contruction
Bumper system front - rear	Both front and rear bumper systems: -Plastic covers -Energy absorbing styrofoam form - Welded sheet metal bumper beam
Anti-corrosion treatment	White Body is E-Coated Chipping Primer-hood, roof, fenders, pillars, side sills Glavanized steel, hood, trunk lid, door skin, fender inner wheel house and various smaller parts, structural stampings. Outside panel is one sided electrogalvanized.

BODY - MISCELLANEOUS INFORMATION

Type of finish (lacquer, enamel, other)			Baked Enamel
Hood	Material & mass		Two sided iron zinc coated steel sheets / 12.90 (28.4)
	Hinge location (front, rear)		Rear
	Type (counterbalance, prop)		Prop
	Release control (internal, external)		Internal
Trunk lid	Material & Mass		Two sided iron zinc coated steel sheets / 9.082 (20.0)
	Type (counterbalance, other)		Spring
	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	Crank / Power
		Rear	N/A
Seat cushion type (e.g. 60/40, bucket, bench, wire, foam, etc.)		Front	Bucket, Tube Steel Frame Wire Springs Urethane Foam
		Rear	Bench, Wire Spring Urethane Foam Form
		3rd seat	N/A
Seat back type (e.g. 60/40, bucket, bench, wire, foam, etc.)		Front	Bucket, Tube Steel Frame Wire Springs Urethane Foam Cushion
		Rear	Bench, Tube Sheet Steel Frame Wire Springs Urethane Foam Cushion
		3rd seat	N/A

FRAME

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

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Civic Coupe		
DX	HX	EX

RESTRAINT SYSTEM

Seating position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt., etc.) Standard / optional	First Seat	Type 2: (3 Point shoulder/lap) std.	N/A	Type 2: (3 Point shoulder/lap) std.
		Second Seat	Type 2: (3 Point shoulder/lap) std.	Type 1: (2 Point lap) std.	Type 2: (3 Point shoulder/lap) std.
		Third Seat	N/A	N/A	N/A
Passive	Type & description (air bag, motorized - 2-point belt, fixed belt, knee bolster, manual-lap belt) Standard / optional	First Seat	Air bag and knee bolster; std.	N/A	Air bag and knee bolster; std.
		Second Seat	N/A	N/A	N/A
		Third Seat	N/A	N/A	N/A

GLASS	SAE Ref. No.	
Windshield glass exposed surface area $cm^2(in.^2)$	S1	9100 (1410) *1
Side glass exposed surface area cm^2 $(in.^2)$- total 2-sides	S2	10456 (1621) *1
Backlight glass exposed surface area $cm^2(in.^2)$	S3	7217 (1119) *1
Total glass exposed surface area $cm^2(in.^2)$	S4	26773 (4150) *1
Windshield glass (type/thickness)		Laminated Safety Glass / 4.7 (0.18)
Side glass (type/thickness)		Tempered Reinforced Glass / 3.5 (0.14)
Backlight glass (type/thickness)		Tempered Reinforced Glass / 3.5 (0.14)
Tinted (yes/no, location)		Yes, All
Solar control (yes/no, coated/batched, location)		No

HEADLAMPS

Description (sealed beam, halogen, replaceable bulb, etc.)	Halogen, Replaceable Bulb
Shape	Polygon, Aerodynamic
Lo-beam type (2A1, 2B1, 2C1, etc.)	GE HB2 12V 60/55 W (Dual Beam Bulb)
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	GE HB2 12V 60/55 W (Dual Beam Bulb)
Quantity	2

*1 Daylight opening area

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METRIC (U.S. Customary)
Model Code/Description
And/Or
Engine Code/Description

Civic Coupe		
DX	HX	EX

CLIMATE CONTROL SYSTEM

Air conditioning (std., opt., man., auto.)		Standard, Manual	
Condensor	Type	Corrugated Fin	
	Eff. face area (mm²)	123,300	
	Fins per inch	25.4	
Evaporator	Type	Corrugated Fin	
	Eff. face area (mm²)	55615	
	Fins per inch	14.1	
Heater core	Material	Copper	
	Eff. face area (mm²)	24300	
	Fins per inch	12.7	
Compressor	Type	Reciprocating Scroll	
	Displacement (cc)	85.7	
	Manufacturer	Sanden International	
	A/C pulley ratio	1.57	1.48
Accumulator	Type	N/A	
	Height (mm)	N/A	
	Diameter (mm)	N/A	
Receiver	Type	Aluminum Cylinder with conical bottom	
	Height (mm)	160 (6.3)	
	Diameter (mm)	60.0 (2.4)	
Refrigerant control (CCOT, TVS, etc.)		Expansion valve, capillary tube	
Heater water valve (yes/no)		Yes	
Refrigerant (R - 12, R- 134a, etc.)		R-134a	
Charge level (lbs. - oz.)		500 ~ 550 (17.6 ~ 19.4)	
Cold engine lockout switch (yes/no)		Yes	
Wide open throttle cutout switch (yes/no)		Yes	

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METRIC (U.S. Customary)
Model Code/Description
And/Or
Engine Code/Description

Civic Coupe		
DX	HX	EX

CONVENIENCE EQUIPMENT (Standard, Optional, N/A)

Clock (digital, analog)		N/A		
Compass / thermometer		N/A		
Console (floor, overhead)		Std. Small Floor	Std. Large Floor	
Defroster, electric windshield		N/A		
Defroster, electric backlight		Std. (timed operation)		
Electronic	Diagnostic monitor (integrated, individual)	N/A		
	Instrument cluster (list instruments)	Speedometer, tachometer (HX, EX), brake warning, seatbelt warning, trunk warning, fuel empty warning, ABS (if equipped), shift up indicator (HX MT), SRS, warning-check engine, maintenance indicator, AT indicator (AT, CVT), oil, battery, highbeams, turn signal.		
	Keyless entry	N/A	Dealer Option	Std (radio wave)
	Tripminder (avg. speed., fuel)	N/A		
	Voice alert (list items)	N/A		
	Other	N/A		
Fuel door lock (remote, key, electric)		Remote (Cable Operation)		
Lamps	Auto head on / off delay, dimming	N/A		
	Cornering	N/A		
	Courtesy (map, reading)	N/A		
	Door lock, ignition	N/A		
	Engine compartment	N/A		
	Fog	Dealer Option		
	Glove compartment	N/A		
	Trunk	N/A	Std.	
	Illuminated entry system (list lamps, activation)	N/A		
	Other	Illumination Control, Dome Light		
Mirrors	Day / night (auto, man.)	Manual		
	L.H. (remote, power, heated)	Std., Remote	Std., Power	
	R.H. (convex, remote, power, heated)	Std., Remote	Std., Power	
	Visor vanity (RH / LH, illuminated)	RH/LH with Lid		
Navigation system (describe)		N/A		
Parking brake-auto release (warning light)		N/A		

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METRIC (U.S. Customary)
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Engine Code/Description

Civic Coupe		
DX	HX	EX

CONVENIENCE EQUIPMENT (standard, optional, n.a.)

Power equip-ment	Deck lid (release, pull down)		N/A	
	Door locks (manual, automatic, describe system)		N/A	Manual, Electric Control
	Seats	2 - 4 - 6 way, etc.	N/A	
		Reclining (RH., LH)	N/A	
		Memory (RH, LH present recline)	N/A	
		Support (lumbar, hip, thigh, etc.)	N/A	
		Heated (RH, LH, other	N/A	
	Side windows		N/A	Std.
	Vent windows		N/A	
	Rear windows		N/A	
Radio systems	Antenna (location, whip, w/shield, power)		Manual, Whip, Front pillar	
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM-FM, Stereo Theft Deterrent	
	Optional		Dealer Option	
	Speaker (number, location)		4: 2 Front, 2 Rear	6: 2 Front, 2 Rear, 2 Front Dash
Roof: open air or fixed (flip-up, sliding, "T")			N/A	Sliding, Electric Control
Speed control device			N/A	Cruise Control
Speed warning device (light, buzzer, etc.)			N/A	
Tachometer (rpm)			N/A	Std.
Telephone system (describe)			N/A	
Theft deterrent system			Steering Column Lock, Shift Lock (AT/CVT), Door Locks	

TRAILER TOWING

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

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

MVMA Specifications

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

All dimension 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 V ehicle dimensions," unless otherwise specified.

Model Code/Description and/or Engine Code/Description	Civic Coupe		
	DX	HX	EX

WIDTH	SAE Ref. No.	
Tread (front)	W101	1475 (58.07)
Tread (rear)	W102	1475 (58.07)
Vehicle width	W103	1705 (67.13)
Body width at Sg RP (front)	W117	1691 (66.57)
Vehicle width (front doors open)	W120	3702 (145.70)
Vehicle width (rear doors open)	W121	N/A
Tumble-home (degrees)	W122	26° 41'
Outside mirror width	W410	1855 (73.03)

LENGTH		
Wheelbase	L101	2620 (103.15)
Vehicle length	L103	4445 (175.00)
Overhang (front)	L104	860 (33.86)
Overhang (rear)	L105	965 (37.99)
Upper structure length	L123	2745 (108.07)
Rear wheel C/L "X" coordinate	L127	2620 (103.15)

HEIGHT*		
Passenger distribution (front/rear)	PD1,2,3	2 / 3
Trunk/cargo load		45.4 (100.00)
Vehicle height	H101	1323 (52.09)
Cowl point to ground	H114	867 (34.13)
Deck point to ground	H138	951 (37.44)
Rocker panel- front to ground	H112	162 (6.38)
Rocker panel-rear to ground	H111	143 (5.63)
Windshield slope angle (degrees)	H122	60° 48'
Backlight slope angle (degrees)	H121	68° 18'

GROUND CLEARANCE*		
Front bumper to ground	H102	208 (8.19)
Rear bumper to ground	H104	201 (7.91)
Bumper to ground front at curb mass (wt.)	H103	222 (8.74)
Bumper to ground rear at curb mass (wt.)	H105	272 (10.71)
Angle of approach (degrees)	H106	15° 18'
Angel of departure (degrees)	H107	11° 54'
Ramp breakover angle (degrees)	H147	10° 24'
Axle differential to ground (front/rear)	H153	N/A
Min. running ground clearance	H156	110 (4.33)
Location of min. run. grd. clearance		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 Honda Civic Coupe
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METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model Code/Description and/or Engine Code/Description		Civic Coupe		
		DX	HX	EX
FRONT COMPARTMENT	SAE Ref. No.			
SgRP front, "X" coordinate	L31	1410 (55.51)		
Effective head room	H61	985 (38.78)	950 (37.40)	
Max. eff. leg room (accelerator)	L34	1085 (42.72)		
SgRP to heel point	H30	248 (9.76)		
SgRP to heel point	L53	884 (34.80)		
Back angle (degrees)	L40	23°		
Hip angle (degrees)	L42	97°		
Knee angle (degrees)	L44	130°		
Foot angle (degrees)	L46	80°		
Design H-point front travel	L17	240 (9.45)		
Normal driving & riding seat track trvl.	L23	240 (9.45)		
Shoulder room	W3	1330 (52.36)		
Hip room	W5	1265 (49.80)		
Upper body opening to ground	H50	1300 (51.18)	1284 (50.55)	
Steering wheel maximum diameter*	W9	380 (14.96)		
Steering wheel angle (degrees)	H18	24°		
Accel. heel pt. to steer. wheel center	L11	470 (18.50)		
Accel. heel pt. to steer. wheel center	H17	622 (24.48)		
Undepressed floor covering thickness	H67	15 (0.59)		
REAR COMPARTMENT				
SgRP point couple distance	L50	752 (29.61)		
Effective head room	H63	920 (36.22)	900 (35.43)	
Min. effective leg room	L51	825 (32.48)		
SgRP (second to heel)	H31	280 (11.02)		
Knee clearance	L48	-2 (-0.08)		
Shoulder room	W4	1305 (51.38)		
Hip room	W6	1159 (45.63)		
Upper body opening to ground	H51	1319 (51.93)	1263 (49.72)	
Back angle (degrees)	L41	27°		
Hip angle (degrees)	L43	88°		
Knee angle (degrees)	L45	84°		
Foot angle (degrees)	L47	114°		
Depressed floor covering thickness	H73	20 (0.79)		
LUGGAGE COMPARTMENT				
Usable luggage capacity L (ft.³)	V1	337.8 (11.93)		
Liftover height	H195	700 (27.56)		
INTERIOR VOLUMES (EPA Classifications)				
Vehicle class		Subcompact		
Interior volume index including trunk / cargo (ft.³)**		97.11		
Trunk / cargo index (ft.³)		11.93		

*See page 18.

** See definition page 37.

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

MVMA Specifications

Vehicle Line Honda Civic Coupe
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METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

Model Code/Description and/or Engine Code/Description	Civic Coupe		
	DX	HX	EX
Station Wagon / MPV* - THIRD SEAT	SAE Ref. No.		
Seat facing direction	SD1	N/A	
SgRP couple distance	L85	N/A	
Shoulder room	W85	N/A	
Hip room	W86	N/A	
Effective leg room	L86	N/A	
Effective head room	H86	N/A	
SgRP to heel point	H87	N/A	
Knee clearance	L87	N/A	
Back angle (degrees)	L88	N/A	
Hip angle (degrees)	L89	N/A	
Knee angle (degrees)	L90	N/A	
Foot angle (degrees)	L91	N/A	

STATION WAGON/MPV* - CARGO SPACE

Cargo length (open front)	L200	N/A
Cargo length (open second)	L201	N/A
Cargo length (closed front)	L202	N/A
Cargo length (closed second)	L206	N/A
Cargo length at belt (front)	L204	N/A
Cargo length at belt (second)	L205	N/A
Cargo width (wheelhouse)	W201	N/A
Rear opening width at floor	W203	N/A
Opening width at belt	W204	N/A
Min. rear opening width above belt	W205	N/A
Cargo height	H201	N/A
Rear opening height	H202	N/A
Tailgate to ground height	H250	N/A
Front seat back to load floor height	H197	N/A
Cargo volume index m^3 ($ft.^3$)	V2	N/A
Hidden cargo volume index m^3 ($ft.^3$)	V4	N/A
Cargo volume index - rear of 2-seat	V10	N/A
Cargo volume index *	V6	N/A
Cargo width at floor*	W500	N/A
Maximum cargo height*	H505	N/A

HATCHBACK - CARGO SPACE

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

All linear dimensions are in millimeters (inches) unless otherwise noted.
*MPV - Multipurpose Vehicle

MVMA Specifications

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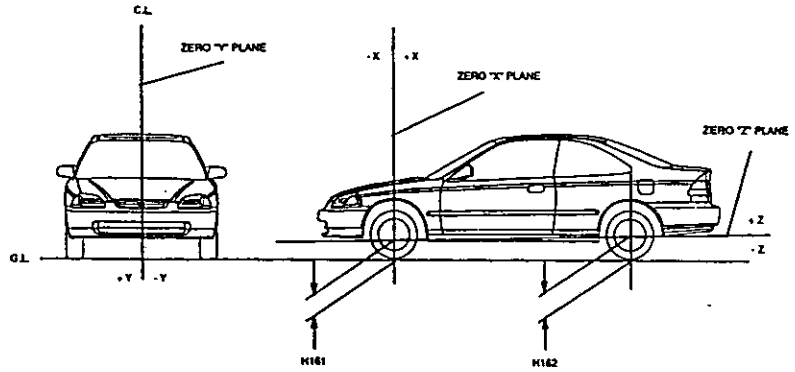
METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

Model Code/Description and/or Engine Code/Description	Civic Coupe		
	DX	HX	EX

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**	215.0 (8.46)
	H163**	---
Rear	W22*	---
	L55**	---
	H82**	---
	H162**	230.0 (9.06)
	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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METRIC (U.S. Customary)

Code	Model	Vehicle Mass (weight) CURB MASS, kg. (lb.)* Front	Rear	Total	Shipping Mass kg (lb)***	ETWC** Code w/o AC	w/AC	% PASS MASS DISTRIBUTION Pass in Front Front	Rear	Pass in Rear Front	Rear
EJ612	Civic Coupe DX	621 (1369)	409 (902)	1030 (2271)	1002 (2209)	N	N	50	50	18	82
EJ622	Civic Coupe DX	654 (1442)	406 (895)	1060 (2337)	1032 (2275)	N	N	50	50	18	82
EJ613	Civic Coupe DX w/ABS	627 (1382)	410 (904)	1037 (2286)	1009 (2224)	N	N	50	50	18	82
EJ623	Civic Coupe DX w/ABS	660 (1455)	407 (897)	1067 (2352)	1039 (2291)	N	N	50	50	18	82
EJ614	Civic Coupe DX	636 (1402)	410 (904)	1046 (2306)	1018 (2244)	-	N	50	50	18	82
EJ624	Civic Coupe DX	669 (1475)	407 (897)	1076 (2372)	1048 (2310)	-	N	50	50	18	82
EJ615	Civic Coupe DX w/ABS	642 (1415)	411 (906)	1053 (2321)	1025 (2260)	-	N	50	50	18	82
EJ625	Civic Coupe DX w/ABS	675 (1488)	408 (899)	1083 (2388)	1055 (2326)	-	N	50	50	18	82
EJ712	Civic Coupe HX	639 (1409)	415 (915)	1054 (2324)	1026 (2262)	N	N	50	50	18	82
EJ722	Civic Coupe HX	675 (1488)	413 (911)	1088 (2399)	1060 (2337)	O	O	50	50	18	82
EJ713	Civic Coupe HX w/ABS	645 (1422)	416 (917)	1061 (2339)	1033 (2277)	N	N	50	50	18	82
EJ723	Civic Coupe HX w/ABS	681 (1501)	414 (913)	1095 (2414)	1067 (2352)	O	O	50	50	18	82
EJ714	Civic Coupe HX	654 (1442)	416 (917)	1070 (2359)	1042 (2297)	-	N	50	50	18	82
EJ724	Civic Coupe HX	690 (1521)	414 (913)	1104 (2434)	1076 (2372)	-	O	50	50	18	82
EJ715	Civic Coupe HX w/ABS	660 (1455)	417 (919)	1077 (2374)	1049 (2313)	-	N	50	50	18	82
EJ725	Civic Coupe HX w/ABS	696 (1534)	415 (915)	1111 (2449)	1083 (2388)	-	O	50	50	18	82
EJ814	Civic Coupe EX	680 (1499)	436 (961)	1116 (2460)	1088 (2399)	-	O	50	50	18	82
EJ825	Civic Coupe EX	706 (1556)	433 (955)	1139 (2511)	1111 (2449)	-	O	50	50	18	82
EJ815	Civic Coupe EX w/ABS	686 (1572)	437 (963)	1123 (2476)	1095 (2414)	-	O	50	50	18	82
EJ825	Civic Coupe EX w/ABS	712 (1570)	434 (957)	1146 (2526)	1118 (2465)	-	P	50	50	18	82

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

** ETWC - Equivalent Test Weight Class - basis of 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:

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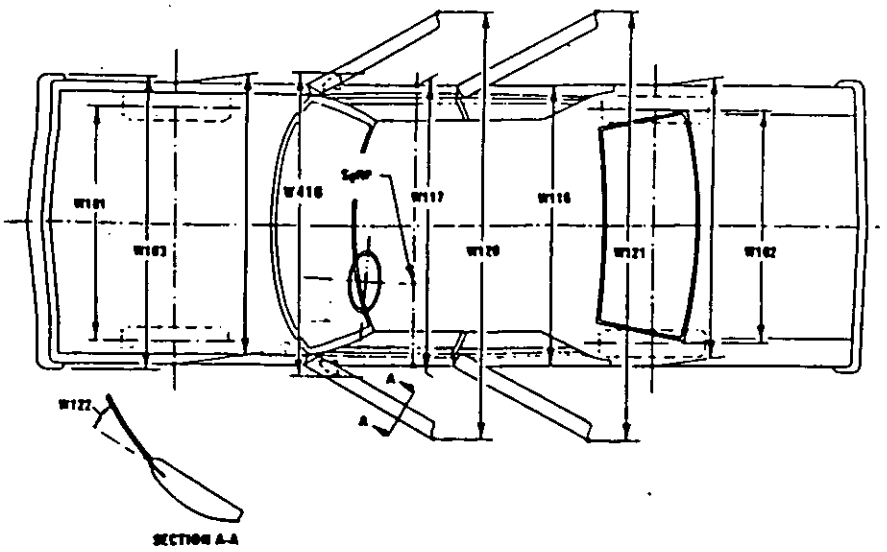
METRIC (U.S. Customary)

		OPTIONAL EQUIPMENT DIFFERENTIAL MASS (weight)*			
		MASS, kg. (lb)			Remarks
Code	Equipment	Front	Rear	Total	Restriction, Requirements

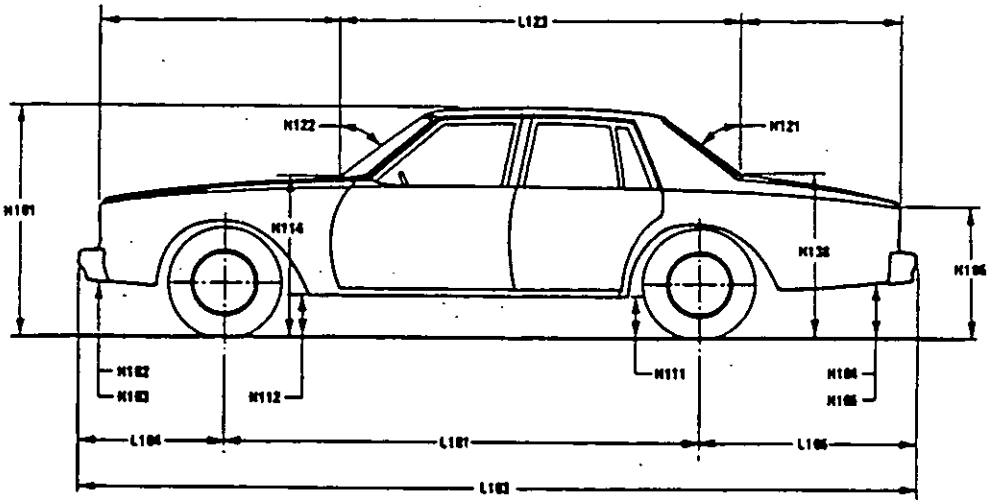
* Also see Engine - General Section for dressed engine mass (weight).

METRIC (U.S. Customary)
Exterior Vehicle and Body Dimensions - Key sheet

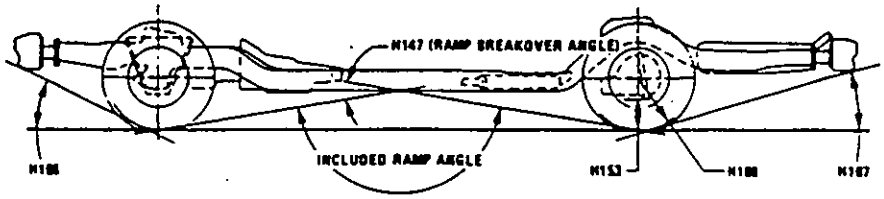
Exterior Width



Exterior Length & Height



Exterior Ground Clearance

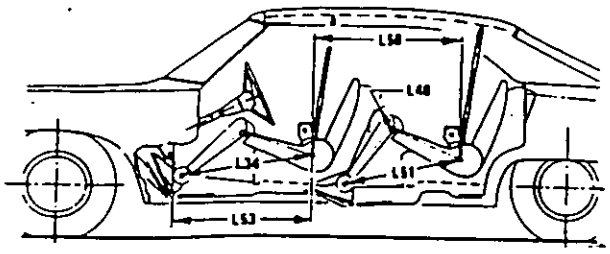


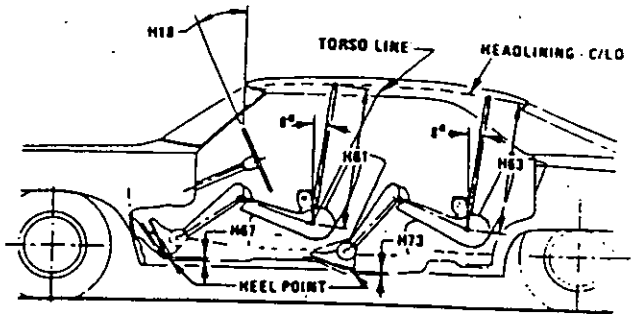
MVMA Specifications

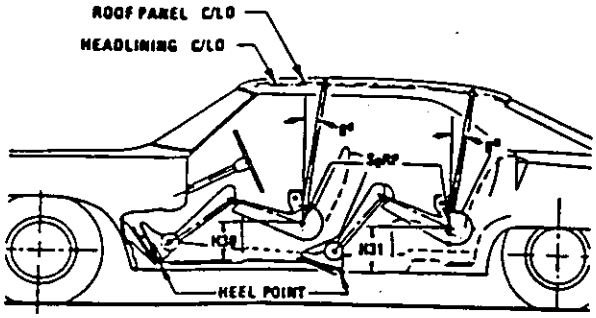
Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

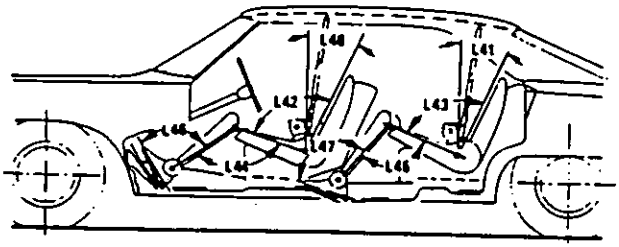
METRIC (U.S. Customary)

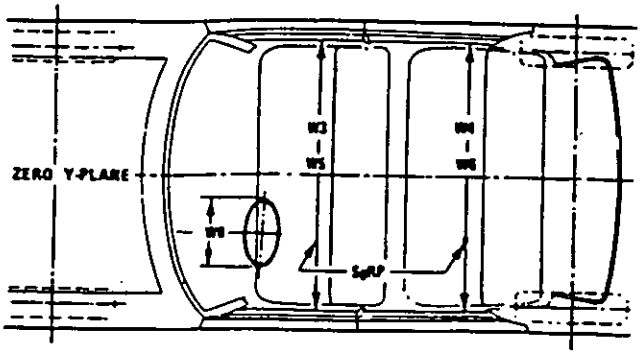
Interior Vehicle and Body Dimensions - Key sheet

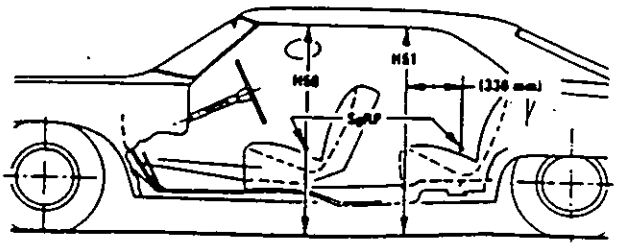










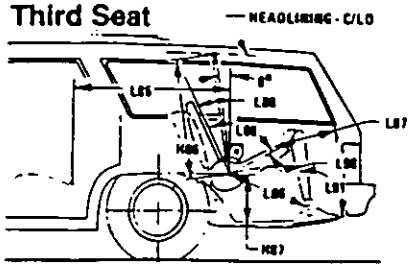


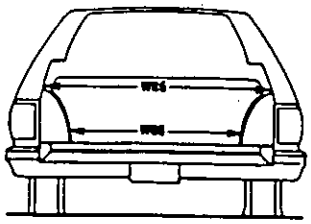
MVMA Specifications

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

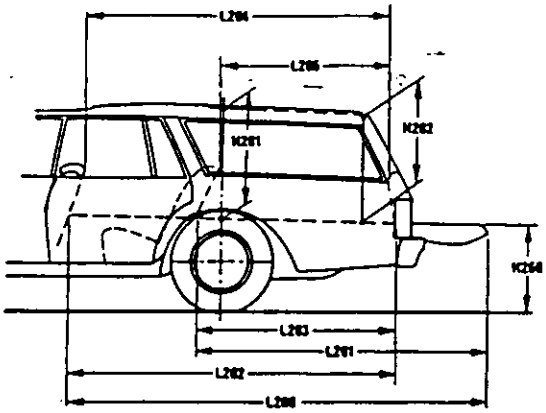
METRIC (U.S. Customary)
Interior Vehicle and Body Dimensions - Key sheet

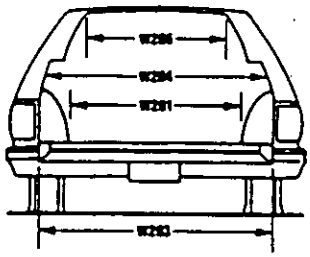
Third Seat



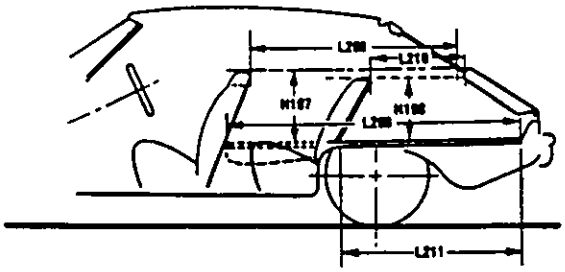


Cargo Space

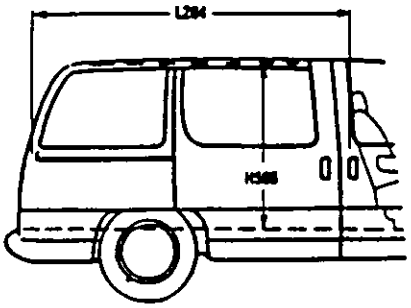


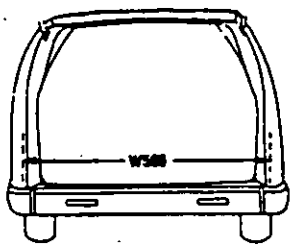


Station Wagon



Hatchback





Multipurpose Vehicle

MVMA Specifications

METRIC (U.S. Customary)

Exterior Vehicle and Body Dimensions - Key Sheet Dimensions Definitions

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

Seating Reference Point

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

Width Dimensions

W101 TREAD – FRONT. The dimension measured between the tire centerlines at the ground.

W102 TREAD – REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.

W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.

W117 BODY WIDTH AT SgRP – FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.

W120 VEHICLE WIDTH – FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.

W121 VEHICLE WIDTH – REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.

W122 TUMBLE – HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.

W410 OUTSIDE MIRROR WIDTH: The dimension between the widest point on the outside mirrors. The standard right and left mirror adjusted for normal driving will be shown unless otherwise noted. When only one outside mirror is standard, the dimension will be to the zero "Y" plane.

Length Dimensions

L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.

L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L104 OVERHAND – FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L105 OVERHANG – REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.

L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.

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

Height Dimensions

H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.

H111 ROCKER PANEL – REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.

H112 ROCKER PANEL – FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.

H114 COWL POINT TO GROUND. Measured at zero "Y" plane.

H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.

H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield arc running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.

H138 DECK POINT TO GROUND. Measured at zero "Y" plane.

H109 STATIC LOAD – TIRE RADIUS – REAR: Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

Ground Clearance Dimensions

H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.

H103 FRONT BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H102.

H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.

H105 REAR BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H104.

H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius arc and the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.

H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius arc and the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.

H147 RAMP BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.

H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.

H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

MVMA Specifications

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

METRIC (U.S. Customary)

Interior Vehicle and Body Dimensions - Key Sheet

Dimensions Definitions

Glass Areas

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

Fiducial Mark Dimensions

Fiducial Mark – Number 1

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

Fiducial Mark – Number 2

L55 "X" coordinate.
W22 "Y" coordinate.
W82 "Z" coordinate.
H162 Height "Z" coordinate to ground at curb weight.
H164 Height "Z" coordinate to ground.

Front Compartment Dimensions

L11 ACCELERATOR HEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel rim.

L17 DESIGN H-POINT – FRONT TRAVEL. The dimension measured horizontally between the design H-point – front in the foremost and rearmost seat track positions. (See SAE J1100)

L23 NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL. The dimension measured horizontally between a point on the design H-point travel line from the SgRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions. (See SAE J1100).

L31 SgRP – FRONT. "X" COORDINATED.

L34 MAXIMUM EFFECTIVE LEG ROOM – ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP – front plus 254 mm (10.0 in.) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.

L-40 BACK ANGLE – FRONT. The angle measured between a vertical line through the SgRP – front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

L-42 HIP ANGLE – FRONT. The angle measured between torso line and thigh centerline.

L44 KNEE ANGLE – FRONT. The angle measured between thigh centerline and lower leg centerline measured on the right leg.

L46 FOOT ANGLE – FRONT. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAE J826.

L53 SgRP – FRONT TO HEEL. The dimension measured horizontally from the SgRP – front to the accelerator heel point.

W3 SHOULDER ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front at height between the belt line and 254 mm (10.0 in.) above the SgRP – front, excluding the door assist strap and attaching parts.

W5 HIP ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP – front and 76 mm (3.0 in.) fore and aft of the SgRP – front.

W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.

H7 ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER. The dimension measured vertically from the AHP – front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.

H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.

H30 SgRP – FRONT TO HEEL. The dimension measured vertically from the SgRP – front to the accelerator heel point.

H50 UPPER BODY OPENING TO GROUND – FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP – front "X" plane.

H61 EFFECTIVE HEAD ROOM – FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP – front to the headlining plus 102 mm (4.0in.).

H67 FLOOR COVERING THICKNESS – UNDEPRESSED – FRONT. The dimension measured vertically from the surface of the undepressed floor covering to the underbody sheet metal at the accelerator heel point.

Rear Compartment Dimensions

L-41 BACK ANGLE – SECOND. The angle measured between a vertical line through the SgRP – second and the torso line.

L43 HIP ANGLE – SECOND. The angle measured between torso line and thigh centerline.

L45 KNEE ANGLE – SECOND. The angle measured between thigh centerline and lower leg centerline.

L47 FOOT ANGLE – SECOND. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).

L48 KNEE CLEARANCE – SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 in.).

L50 SgRP COUPLE DISTANCE – SECOND. The dimension measured horizontally from the driver SgRP – front to the SgRP – second.

L51 MINIMUM EFFECTIVE LEG ROOM – SECOND. The dimension measured along a line from the ankle pivot center to the SgRP – second plus 254 mm (10.0 in.).

W4 SHOULDER ROOM – SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP – second at height between 254-406 mm (10.0-16.0 in.) above the SgRP – second, excluding the door assist straps and attaching parts.

W6 HIP ROOM – SECOND. Measured in the same manner as W5.

H31 SgRP – SECOND TO HEEL. The dimension measured vertically from the SgRP – second to the two dimensional device heel point on the depressed floor covering.

H51 UPPER BODY OPENING TO GROUND – SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP – second.

H63 EFFECTIVE HEAD ROOM – SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).

H73 FLOOR COVERING – DEPRESSED – SECOND. The dimens measured vertically from the heel point to the underbody sheet metal.

MVMA Specifications

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

METRIC (U.S. Customary)

Interior Vehicle and Body Dimensions - Key Sheet Dimensions Definitions

Luggage Compartment Dimensions

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

Interior Volumes (EPA Classification)

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

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

Station Wagon / MPV – Third Seat Dimensions

L85 SgRP COUPLE DISTANCE – THIRD. The dimension measured horizontally from the SgRP – second to the SgRP – third.

L86 EFFECTIVE LEG ROOM – THIRD. The dimension measured along a line from the ankle pivot center to the SgRP – third plus 254 mm (10.0 in.).

L87 KNEE CLEARANCE – THIRD. The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51 mm (2.0 in.). With rear-facing third seat, dimension is measured to closure.

L88 BACK ANGLE – THIRD. Measured in the same manner as L41.

L89 HIP ANGLE – THIRD. Measured in the same manner as L43.

L90 KNEE ANGLE – THIRD. Measured in the same manner as L45

L91 FOOT ANGLE – THIRD. Measured in the same manner as L47.

W85 SHOULDER ROOM – THIRD. Measured in the same manner as W4.

W86 HIP ROOM – THIRD. Measured in the same manner as W5.

H86 EFFECTIVE HEAD ROOM – THIRD. The dimension, measured along a line 8 deg. from the SgRP – third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).

H87 SgRP – THIRD TO HEEL POINT.

SO1 SEAT FACING DIRECTION – THIRD.

Station Wagon / MPV – Cargo Space Dimensions

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

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

L202 CARGO LENGTH – CLOSED – FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L203 CARGO LENGTH – CLOSED – SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L204 CARGO LENGTH AT BELT – FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab backpanel at the height of the belt, on the zero "Y" plane.

L205 CARGO LENGTH AT BELT – SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.

W201 CARGO WIDTH – WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure to the sheet metal.

W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.

W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.

W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.

W500 CARGO WIDTH AT FLOOR. The maximum dimension measured laterally between the limiting interferences at the floor level. This dimension shall include ribs and pillars, but will exclude wheelhouses.

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

H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinate on the zero "Y" plane.

H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.

H250 TAILGATE TO GROUND CURB MASS (WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

H505 MAXIMUM CARGO HEIGHT. The maximum vertical dimension rear of the front seat from the cargo floor to roof bow or headlining at the zero "Y" plane.

MVMA Specifications

Vehicle Line Honda Civic Coupe
Model Year 1996 Issued October 95 Revised (*)

METRIC (U.S. Customary)
Interior Vehicle and Body Dimensions - Key Sheet
Dimensions Definitions

V2 STATION WAGON

Measured in inches:

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

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = m^3 \text{ (cubic meter)}$$

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

V5 TRUCKS AND MPV'S WITH OPEN AREA.

Measured in inches:

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

Measured in mm:

$$\frac{L506 \times W500 \times H503}{10^9} = m^3 \text{ (cubic meter)}$$

V6 TRUCKS AND MPV'S WITH CLOSED AREA.

Measured in inches:

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

Measured in mm:

$$\frac{L204 \times W500 \times H505}{10^9} = m^3 \text{ (cubic meter)}$$

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

V10 STATION WAGON CARGO VOLUME INDEX.

Measured in inches:

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

Measured in mm:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{10^9} = m^3 \text{ (cubic meter)}$$

Hatchback – Cargo Space Dimensions

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

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

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

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

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

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

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

V3 HATCHBACK.

Measured in inches:

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

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = m^3 \text{ (cubic meter)}$$

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

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

Measured in inches:

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

Measured in mm:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{10^9} = m^3 \text{ (cubic meter)}$$

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