

Engine & Cooling

Fuel

Ignition

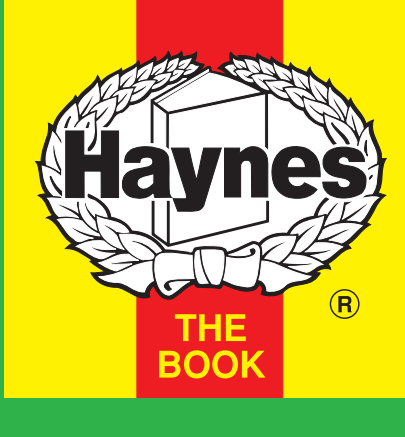
Electrical

Running gear

Torque settings

Capacities

Notes & Illustrations



Automotive Technical
DATA BOOK

Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the data screen.

MENU

HELP

Engine and cooling systemCivic 1.5 LSi & Coupé CAT1991 to 1995

Type		D15B2 SOHC 16V 67kW
Capacity (cm ³) / number of cylinders		1493 / 4
Compression ratio / pressure	bar	9.2 / ≥9.3
Oil pressure	bar	0.7 [3.5]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.18 to 0.22
Valve clearance - exhaust	mm	0.23 to 0.27
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	76 to 80
Radiator cap pressure	bar	0.93 to 1.23

Fuel systemCivic 1.5 LSi & Coupé CAT1991 to 1995

Idle speed - manual [auto]	rpm	750±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.1
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Honda
Type / ref		PGM-Fi MPI
Main jet / needle		—
Injection pressure	bar	2.8 to 3.2
Pump pressure	bar	—
Octane rating	RON	91[U]

Ignition systemCivic 1.5 LSi & Coupé CAT1991 to 1995

Type		Electronic
Ignition coil		—
Primary resistance	ohms	0.6 to 0.8
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Hitachi
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation		Clockwise
Ignition timing - basic [static	° Crankshaft @ rpm	16±2 BTDC @ 750±50
V = Vacuum NV = No Vacuum		V
Total ignition advance	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	—
Spark plugs		NGK
Type		BKR6E-11
Electrode gap	mm	1.1

Electrical systemCivic 1.5 LSi & Coupé CAT1991 to 1995

Battery	V / CC / RC	12 / 47Ah
Alternator voltage / full load current / engine rpm		13.9 to 15.1 / 60 / 3000
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gearCivic 1.5 LSi & Coupé CAT1991 to 1995

Brakes -		
Front (min. friction material thickness)	mm	1.6
Rear (min. friction material thickness)	mm	2.0. Discs: 1.6

Tyres		
Saloon	Size	175/70x13
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.0 / 2.0
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	0±3.0
Camber		0±1°
Castor		+1°10'±1°
King pin inclination		—

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	+2.0+2.0-1.0
Camber		-20'±1°

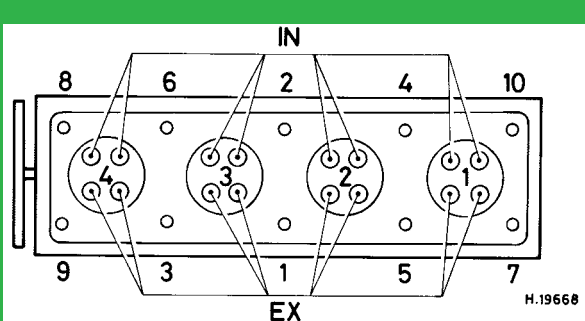
Torque wrench settingsCivic 1.5 LSi & Coupé CAT1991 to 1995

Cylinder head - stage 1	Nm	30 oiled
- stage 2	Nm	65
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	32
Main bearings	Nm	45
Clutch cover	Nm	26
Flywheel [driveplate]	Nm	120 [75]
Front hubs	Nm	185
Rear hubs	Nm	185
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	18

CapacitiesCivic 1.5 LSi & Coupé CAT1991 to 1995

Engine oil & filter	litres	4.0
Gearbox - 4-speed [5-speed]	litres	1.8
Automatic transmission - refill	litres	2.7
Final drive	litres	WT
Cooling system	litres	4.5
Fuel tank	litres	45

Notes and Illustrations



1493 cm³