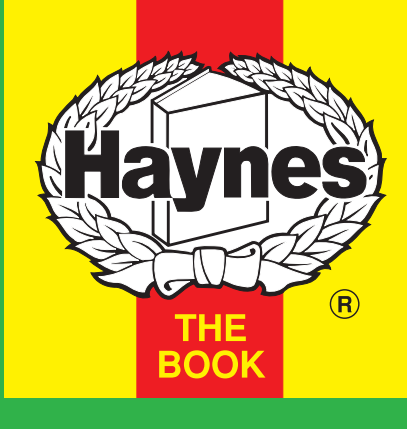


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
------------------	------	----------	------------	--------------	-----------------	------------	-----------------------



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 & CRX 1.6 ESi CAT1991 to 1997

Type		D16Z6 SOHC 16V VTEC 92kW
Capacity (cm³) / number of cylinders		1590 / 4
Compression ratio / pressure	bar	9.2 / ≥11.5
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	0.76 to 1.04

Fuel systemCivic & CRX 1.6 ESi CAT1991 to 1997

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	95[U]

Ignition systemCivic & CRX 1.6 ESi CAT1991 to 1997

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	Computer control
	° 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 & CRX 1.6 ESi CAT1991 to 1997

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 & CRX 1.6 ESi CAT1991 to 1997

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

Tyres		
Saloon	Size	185/60x14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.4 / 2.2
- 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°

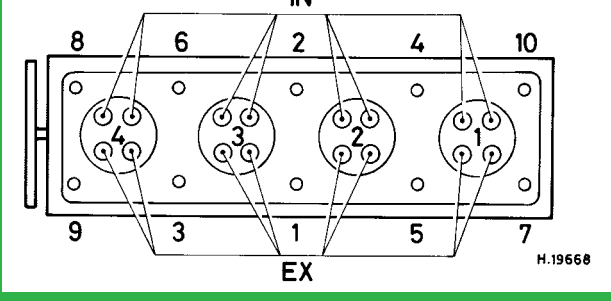
Torque wrench settingsCivic & CRX 1.6 ESi CAT1991 to 1997

Cylinder head - stage 1	Nm	30 oiled
- stage 2	Nm	73
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 & CRX 1.6 ESi CAT1991 to 1997

Engine oil & filter	litres	3.3
Gearbox - 4-speed [5-speed]	litres	1.8
Automatic transmission - refill	litres	2.7
Final drive	litres	WT
Cooling system	litres	4.7
Fuel tank	litres	45

Notes and Illustrations



1590 cm³. SOHC 16V