

Concerto 1.6i DOHC CAT

1992 to 1995

Engine & **Fuel** Cooling

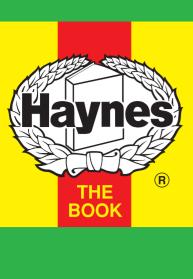
Ignition

Electrical

Running gear

Torque settings Capacities

Notes & Illustrations



Automotive Technical

data for this car. To return to this screen and make another choice, click anywhere on the data screen. **HELP** 992 to 1995

Click on one of the buttons above to view

Compression ratio / pressure	
Oil pressure	
Oil temperature	

Engine and cooling system

Capacity (cm3) / number of cylinders

°C mm mm

bar

bar

0.12 to 0.1 0.14 to 0.19 1-3-4-2 **TBE**

Concerto 1.6i D

Thermostat opening temperature Radiator cap pressure

Fuel system

Firing order

Valve clearance - inlet

No 1 cylinder position

clearance - exhaust

Idle speed - manual [auto] Fast idle speed - manual [auto] CO @ idle speed [3000 rpm] - see page VI HC @ idle speed [3000 rpm] - see page VI

bar rpm rpm %

ppm

% %

bar

bar

RON

ohms

ohms

V

mm ° (%)

mbar

^o Crankshaft

°C

Concerto 1.6i DOHC CAT 800±50 [750±50] 1000 to 2000 ≤0.1 N/A

≤200

Honda

2.5

95[U]

PGM-Fi MPI

2.45 to 2.55

Concerto 1.6i DOHC CAT

Electronic

0.3 to 0.5

[Equal gaps]

Clockwise

NV

16±2 BTDC @ idle

Computer control

Computer control

NGK/Champion

12 / 300 / 47Ah

1.00 to 1.10

BCPR6E-11 / RC7YC

76 to 80

0.74 to 1.03

CO2 @ idle speed [3000 rpm] - see page VI O2 @ idle speed [3000 rpm] - see page VI Carburettor / fuel injection Type / ref

Main jet / needle Injection pressure Pump pressure Octane rating **Ignition system**

Type Ignition coil Primary resistance Ballast resistor

V = Vacuum NV = No Vacuum

Voltage - Tmnl 15(+) to earth Distributor Points gap (air gap) Dwell angle Condenser capacity Rotation Ignition timing - basic [static

Total ignition advance

Centrifugal check. Vacuum range check Maximum vacuum advance Spark plugs

Electrode gap

Type

Brakes -

Electrical system Battery Alternator voltage / full load current / engine rpm Starter motor current / voltage - cranking Running gear

Front (min. friction material thickness) Rear (min. friction material thickness) **Tyres** Saloon Estate / Van

Front suspension / wheel alignment Toe-in (+) / Toe-out (-) Camber Castor

Camber

Spark plugs

Capacities

Engine oil & filter

Cylinder head - stage 3

King pin inclination

Toe-in (+) / Toe-out (-)

Torque wrench settings Cylinder head - stage 1 - stage 2

Rear suspension / wheel alignment

Pressure - front / rear - Saloon

- Estate / Van

- stage 4 Big-end bearings Main bearings Clutch cover

Flywheel [driveplate] Front hubs Rear hubs Wheel nuts / bolts

Automatic transmission - refill Final drive Cooling system Fuel tank

Notes and Illustrations

Gearbox - 4-speed [5-speed]

1590 cm³DOHC

μF ° Crankshaft @ rpm ° Crankshaft @ rpm

° Crankshaft @ rpm

mm Concerto 1.6i DOHC CAT V/CC/RC A/V A/V - locked

> 1.6 mm 1.6 mm Size

185/60x14 Size 1.9 / 1.8 bar bar mm [°]

mm [°]

Nm Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

litres

litres

litres

litres

litres

litres

 -0.7 ± 1.4 -20'±30' +1°38′±30′ +12°7′

-26'±30' Concerto 1.6i DOHC CAT 30 oiled 66

 $+2.3\pm1.4$

32 63 oiled 26 120

185 185 110

Concerto 1.6i DOHC CAT 3.5 1.8 2.4 WT

5.5 [AT: 5.4]

18

55

2: CO / Mixture

1590 cm³, DOHC PGM-Fi

TDC



	MENU	
erto 1.6i DO	HC CAT	19
D16A8 DOH	C 16V 90kV	V
1590 / 4		
9.5 / ≥9.3		
0.6 [3.4]		
80		
0.12 to 0.17		

1992 to 1995

1992 to 1995

1992 to 1995

13.5 to 16.0 / 60 / 2000 230 to 350 / 8.0 to 8.5 Concerto 1.6i DOHC CAT 1992 to 1995

1992 to 1995

1992 to 1995

1: Idle speed

BTDC