Engine &

Cooling

1989 to 1992

Fuel

Ignition

Electrical

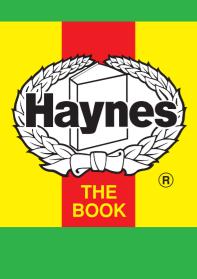
Running gear

Torque settings

Capacities

Notes &

Illustrations



Automotive Technical

return to this screen and make another choice, click anywhere on the data screen. **MENU HELP** 1989 to 1992

Click on one of the buttons above to view data for this car. To

Compression ratio / pressure Oil pressure Oil temperature

Valve clearance - inlet - exhaust

Firing order No 1 cylinder position

CO @ idle speed [3000 rpm] - see page VI

Thermostat opening temperature Radiator cap pressure Fuel system Idle speed - manual [auto]

Fast idle speed - manual [auto]

HC @ idle speed [3000 rpm] - see page VI 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

Voltage - Tmnl 15(+) to earth Distributor Points gap (air gap)

Dwell angle Condenser capacity Rotation Ignition timing - basic [static V = Vacuum NV = No Vacuum Total ignition advance

Centrifugal check. Vacuum range check Maximum vacuum advance

Type Electrode gap **Electrical system Battery**

Spark plugs

Starter motor current / voltage - cranking Running gear Brakes -

Alternator voltage / full load current / engine rpm

Front (min. friction material thickness)

- locked

- Estate / Van

Rear (min. friction material thickness) **Tyres** Saloon

Estate / Van Pressure - front / rear - Saloon Front suspension / wheel alignment Toe-in (+) / Toe-out (-)

Camber

Castor

King pin inclination Rear suspension / wheel alignment Toe-in (+) / Toe-out (-) Camber

Torque wrench settings

Cylinder head - stage 1 - stage 2 - stage 3 - stage 4

Big-end bearings

Main bearings Clutch cover Flywheel [driveplate]

Front hubs Rear hubs Wheel nuts / bolts Spark plugs

Capacities Engine oil & filter Gearbox - 4-speed [5-speed] Automatic transmission - refill Final drive

Cooling system

Fuel tank

Notes and Illustrations

1986 cm³

ΕX

Engine and cooling system Capacity (cm³) / number of cylinders

bar

bar

°C

mm

mm

°C

bar

rpm

rpm

ppm

%

% %

bar

bar

RON

ohms

ohms

٧

mm

μF

° (%)

mbar

mm

A/V

A/V

mm

mm

Size

Size

bar

bar

mm [°]

mm [°]

Nm Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

litres

litres

litres

litres

litres

litres

1: Idle speed

° Crankshaft

V / CC / RC

° Crankshaft @ rpm

° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm

° Crankshaft @ rpm ° Crankshaft @ rpm

° Crankshaft @ rpm

1986 / 4

1-3-4-2

TBE

900

≤1200

Bosch

80

10.0 / >9.2

240, 2.0i

B200E. SOHC 8V. 85kW

1989 to 1992

1.0 [2.5 to 8.0] 0.30 to 0.40 H 0.30 to 0.40 H

86 to 88 or 91 to 93 0.66 to 0.87 240, 2.0i

0.5 to 2.0

CIS (K-Jetronic) 3.5 to 4.0 4.6 to 5.4 95[E 95 RON]

240, 2.0i TZ 28H Bosch

0.6 to 0.8 Bosch Clockwise

5 BTDC @ 750±50 NV 10 @ 1680 to 2100 21 @ 3000 to 4200 23 to 27 @ 5000

140 to 307 13 to 17 Bosch/Champion WR6DC / N9YC 0.70 12 / 450 / 90

240, 2.0i

240, 2.0i

240, 2.0i

240, 2.0i

Various Various Various 1.5. Girling: 3.0 3.0

175x14: 185/70x14 185x14 1.8 / 1.9 1.9 / 2.1 $[+24'\pm8']$ PAS: $[+16'\pm8']$ +15' to 1°

+2° to 3° PAS: +3° to 4°

20 60 + 90° $20 + 90^{\circ}$ 110

70 N 68, - 120° & lock **WSM** 115 20 to 30

3.85

1.6

3.9

1.6 8.5

60

2: CO / Mixture

1986 cm³

K-Jetronic