Engine &

Cooling

Fuel

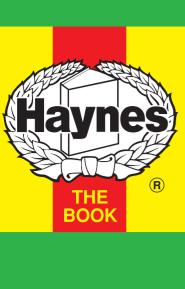
Ignition

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**

Oil pressure Oil temperature

Capacity (cm³) / number of cylinders

Compression ratio / pressure

Valve clearance - inlet learance - exhaust Firing order

No 1 cylinder position

Thermostat opening temperature Radiator cap pressure

Fuel system 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 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 Spark plugs Type Electrode gap **Electrical system Battery**

Alternator voltage / full load current / engine rpm Starter motor current / voltage - cranking Running gear Brakes -Front (min. friction material thickness)

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 Cylinder head - stage 3 - stage 4 Big-end bearings

Main bearings Clutch cover Flywheel [driveplate] Front hubs

Capacities

Engine oil & filter

Rear hubs Wheel nuts / bolts Spark plugs

Gearbox - 4-speed [5-speed] Automatic transmission - refill Final drive Cooling system Fuel tank

Notes and Illustrations

IN

ΕX 843 cm³

Engine and cooling system

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

- locked

- Estate / Van

° Crankshaft @ rpm

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

° Crankshaft @ rpm ° Crankshaft @ rpm

° Crankshaft @ rpm

CD3

[3.5]

0.20 H

0.20 H

1-2-3

TBE

88

0.9

850±50

≤1200

Aisan

127

NV

1.5

1.5

 $+9.0 \pm 4.0$

 $+3°\pm30'$

49 to 58

20 to 28

53 to 65

43 to 49 **WSM**

34 to 54

2.9

0.7

0.6

4.1

36

7 to 10

1V E30AD

1.5 to 3.0

80

843 / 3 9.0 / 12.3

HELP 1986 to 1990 Hijet

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

Hijet

2800 to 3200 0.19 to 0.30 91[E 95 RON]

1986 to 1990 Hijet 1986 to 1990 Contact breaker - CIS

1.0 to 1.1 Toyo Denso 0.40 to 0.50 58 to 66 0.27 Clockwise 4±2 BTDC @ idle 0 @ 1200 to 1600 15 to 17 @ 2800 133 to 560 13 to 15 NGK/Champion BPR5EY / RN12YC 0.70 to 0.80 Hijet 12 / 28Ah

1986 to 1990 14.2 to 14.8 / _ / 3000 Hijet 1986 to 1990 145x12 **WSM**

+1°55′±1°30′ +11°2′±1°30′ 1986 to 1990 Hijet

Hijet 1986 to 1990

1V, 843 cm³

2: CO / Mixture 843 cm³