1984 to 1988

Engine & **Fuel** Ignition Cooling

Electrical

Running gear

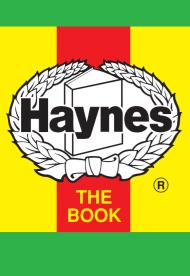
settings

Torque

Capacities

Notes &

Illustrations



Automotive Technical

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

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

1984 to 1988

1984 to 1988

1984 to 1988

1984 to 1988

Oil pressure Oil temperature

Compression ratio / pressure

Valve clearance - inlet - 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 Distributor

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

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

Vacuum range check Maximum vacuum advance Spark plugs Type Electrode gap

Electrical system

Centrifugal check.

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

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

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

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

Notes and Illustrations

¹Retard ignition by 2 to 3°

²175/70: 1.9 / 1.9

Fuel tank

1587 cm³

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

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

litres

litres

litres

litres

litres

litres

2: CO / Mixture

1587 cm³, 4A-L

1: Idle speed

° Crankshaft

V / CC / RC

locked

- Estate / Van

° Crankshaft @ rpm

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

° Crankshaft @ rpm

° Crankshaft @ rpm ° Crankshaft @ rpm

4A-L bar

Carina 1.6 (AT151) 1587 / 4 [2.5 to 4.9] 80

9.3 (86 >: 9.5) / 8.8 0.20 H 0.30 H 1-3-4-2 **TBE** 80 to 84

0.75 to 1.00 3000±200 1.5±0.5 ≤1200

Carina 1.6 (AT151) 700 to 850 [750 to 900) Aisan

21100-99, 177 97[RA]1

Electronic Toyo Denso.

1.2 to 1.5

Carina 1.6 (AT151)

Toyo Denso [0.20 to 0.40] Clockwise 5±2 BTDC @ ≤900 NV

0.4 to 3.4 @ 1300 16.6 to 20.6 @ 3200 22.6 to 26.6 @ 6000 133 to 480 12 to 16 NGK/Champion BPR5EY / RN11YC 0.80

Carina 1.6 (AT151) 12 / 60Ah 13.8 to 14.8 / _ / 3000 90 / 11.5 (no load)

Carina 1.6 (AT151)

1984 to 1988

1.0 1.0 165x13: 175/70x13

165: 1.9 / 1.8²

 0 ± 1.0 $-30' \pm 30'$ +1°30′±30′ +12°35′±30′

Carina 1.6 (AT151)

54 to 64 in stages

+4.0±2.0

34 to 44

53 to 65

74 to 83

19

186

123

103 15 to 21

3.3

2.6

3.1

WT

55

5.0 [AT: 6.0]

1984 to 1988

Carina 1.6 (AT151) 1984 to 1988

Aisan 21100