1989 to 1991

Engine &

Cooling

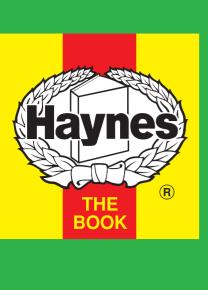
Ignition

Electrical

Running gear

Capacities

Notes & Illustrations



Fuel

Automotive Technical

return to this screen and make another choice, click anywhere on the data screen. **MENU HELP** 1989 to 1991 323, 1.3

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

Oil pressure Oil temperature

Capacity (cm³) / number of cylinders

Compression ratio / pressure

Engine and cooling system

Valve clearance - inlet clearance - 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**

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

Cylinder head - stage 3

Camber

Engine oil & filter

Cooling system

Final drive

Fuel tank

Torque wrench settings Cylinder head - stage 1 - stage 2

Rear suspension / wheel alignment

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

- stage 4 Big-end bearings

Main bearings Clutch cover Flywheel [driveplate]

Front hubs

Rear hubs Wheel nuts / bolts Spark plugs **Capacities**

Gearbox - 4-speed [5-speed]

Automatic transmission - refill

Notes and Illustrations

1324 cm³, 16V

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

locked

- Estate / Van

mm V/CC/RC Alternator voltage / full load current / engine rpm Starter motor current / voltage - cranking

mbar ° Crankshaft

° Crankshaft @ rpm ° Crankshaft @ rpm

16 to 20 @ 3600 133 to 454 12 to 16 NGK/Champion BKR5E, 6E / RC9YC 0.70 to 0.80

12 / 50Ah 14.1 to 14.7 / _ / 2500 A/V A/V

2.0 mm

1.0 155x13

mm Size Size bar bar

mm [°]

mm [°]

Nm

litres

litres

litres

litres

litres

litres

2.0 / 1.8

 $+2.0\pm3.0$ $-05' \pm 45'$ +2°5′±45′ +12°25' $+2.0\pm3.0$

-20'±45' 40 76 to 81

177 to 235

323, 1.3

15 to 23 3.2 2.7

WT

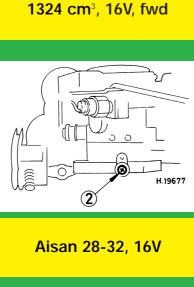
5.0

55

118

1: Idle speed 2: CO / Mixture

hadaaha



323, 1.3

28-32 2V Downdraught

80.5 to 83.5 0.76 to 1.04 323, 1.3 1250 to 1750

B3. SOHC 16V

1989 to 1991

Aisan 28-32, 16V

bar

bar

°C

mm

mm

°C

bar

rpm

rpm

ppm

%

% %

bar

bar

RON

ohms

ohms

٧

mm ° (%)

μF

1324 / 4

 $9.4 / \ge 9.5$

0.30 H

0.30 H

TBE

≤0.3

≤200

Aisan

97, 162

0.28 to 0.35

Electronic

0.77 to 0.95

0±1 BTDC @ idle

12 to 16 @ 2700

323, 1.3

323, 1.3

NV

0@1200

91[E 91 RON]

323, 1.3

1-3-4-2

850 to 900

[3.0 to 4.0]

Torque settings