Engine &

Cooling

1989 to 1992

Ignition

Electrical

gear

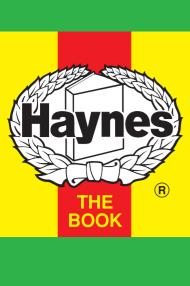
Running

Torque settings

Capacities

Notes &

Illustrations



**Fuel** 

## Automotive Technical

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 return to this screen and

Oil pressure			
Oil temperature			
Valvo cloaranco	inlot		

Compression ratio / pressure

vaive 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 Ballast resistor

Primary resistance 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

Rear suspension / wheel alignment Toe-in (+) / Toe-out (-) Camber Torque wrench settings Cylinder head - stage 1

King pin inclination

- 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** 

1298 cm<sup>3</sup>, 8V

**Engine and cooling system** Capacity (cm<sup>3</sup>) / 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

<sup>o</sup> Crankshaft

V / CC / RC

- locked

- Estate / Van

° Crankshaft @ rpm

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

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

85

1-3-4-2

82 or 88

 $1.0 \pm 0.5$ 

≤1200

Aisan

**TBE** 

0.90

G13BA SOHC 1298 / 4 9.5 / \_ [3.0 to 4.1]

Swift SF 413

Swift SF 413 1989 to 1992 700±50 [850±50]

0.13 to 0.18 0.16 to 0.20

1200 to 1800 2V downdraught 0.20 to 0.30 95[E 95 RON]

Swift SF 413 1989 to 1992 Electronic 1.08 to 1.32 Nippon Denso [0.20 to 0.40] Clockwise 6±1 BTDC @ idle

Computer control NGK/Champion BPR6ES / RN9YC 0.70 to 0.80 Swift SF 413 1989 to 1992 12 / 190 / 65

Computer control

14.2 to 14.8 / \_ / 3000

230 to 300 / 7.7 to 9.5

310 to 780 / 2.5 to 7.7

3.0

1.0

155/70x13

-2.0 to +2.0

+12°55′±3°

 $+2.0\pm2.0$ 

70 to 75

33 to 37

50 to 57

18 to 28

57 to 65 150 to 200

80 to 120

50 to 70 25 to 30

3.6

2.4

3.5

WT

4.7

40

2.2 / 2.2

+0±1°  $+3^{\circ}\pm2^{\circ}$  Swift SF 413

Swift SF 413

Swift SF 413

1989 to 1992

1989 to 1992

1989 to 1992

Aisan 2V

H.19397

2: CO / Mixture

1: Idle speed

20° 10°

1298 cm<sup>3</sup>