Fuel

Engine &

Cooling

1985 to 1989

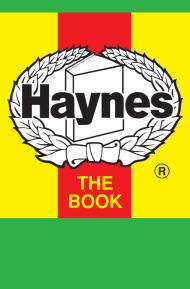
Ignition

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** 9 & 11, 1.2 (L42S/B/C37S) 1985 to 1989

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

C1G-D7-10

1237 / 4

9.25 /

0.7[3.5]

Compression ratio / pressure	
Oil pressure	
Oil temperature	

Engine and cooling system

Capacity (cm³) / number of cylinders

°C 80 mm 0.15

bar

bar

Valve clearance - inlet

clearance - exhaust 0.20 mm Firing order 1-3-4-2

No 1 cylinder position FE

°C Thermostat opening temperature 86 or 89

Radiator cap pressure bar

Fuel system Idle speed - manual [auto] rpm

9 & 11, 1.2 (L42S/B/C37S)

S: 625±25. Z: 650±25 Fast idle speed - manual [auto] rpm CO @ idle speed [3000 rpm] - see page VI % 1.5 ± 0.5

HC @ idle speed [3000 rpm] - see page VI ppm ≤1200 CO2 @ idle speed [3000 rpm] - see page VI % % O2 @ idle speed [3000 rpm] - see page VI Carburettor / fuel injection Solex/Zenith

Type / ref S: 32 BIS. Z: 32IF2 Main jet / needle S: 115. Z: 130 Injection pressure bar bar 0.17 to 0.27

Pump pressure Octane rating **RON** 95[E 98 RON]

Ignition system 9 & 11, 1.2 (L42S/B/C37S) 1985 to 1989 **AEI** Type

Ignition coil Renix 0.4 to 0.8 Primary resistance ohms ohms Ballast resistor Voltage - Tmnl 15(+) to earth ٧

Renix Distributor Points gap (air gap) mm ° (%) Dwell angle Condenser capacity μF

Rotation Ignition timing - basic [static ° Crankshaft @ rpm 6±1 BTDC @ idle V = Vacuum NV = No Vacuum NV Total ignition advance **RE450** ° Crankshaft @ rpm

> ° Crankshaft @ rpm ° Crankshaft @ rpm

> > ° Crankshaft

9 & 11, 1.2 (L42S/B/C37S)

 $0 \pm 30'$ +1°±30′

5 to 7 @ 750 Centrifugal check. ° Crankshaft @ rpm 11 to 17 @ 1550 ° Crankshaft @ rpm ° Crankshaft @ rpm 26 to 30 @ 4050 0 to 300 @ 4550 Vacuum range check mbar

Maximum vacuum advance

Electrical system

Camber

Wheel nuts / bolts

Spark plugs

Fuel tank

Capacities

Engine oil & filter

Castor

AC/Champion Spark plugs C42CXLS / N281YC Type 0.75 to 0.85 Electrode gap mm

V/CC/RC 12 / 175 / 60 **Battery** Alternator voltage / full load current / engine rpm

A/V Starter motor current / voltage - cranking A/V 350 to 420 / _ locked

Running gear 9 & 11, 1.2 (L42S/B/C37S) Brakes -Front (min. friction material thickness) 6.0 with backing mm

Rear (min. friction material thickness) 2.5 with backing mm **Tyres** Saloon Size 145x13: 155x13: 175/70x13

Estate / Van Size 1.8 / 2.0 Pressure - front / rear - Saloon bar

- Estate / Van bar Front suspension / wheel alignment Toe-in (+) / Toe-out (-) mm [°] -1.0 ± 1.0

+12°55′±30′ King pin inclination Rear suspension / wheel alignment mm [°] 0 to +3.0Toe-in (+) / Toe-out (-) -50'±30' Camber

Torque wrench settings 9 & 11, 1.2 (L42S/B/C37S) Cylinder head - stage 1 55 to 65 Nm

Nm - stage 2 Cylinder head - stage 3 Nm

- stage 4 Nm 35 Big-end bearings Nm

55 to 65 Main bearings Nm 25 Clutch cover Nm

Flywheel [driveplate] Nm 50 250 Front hubs Nm 160 Rear hubs Nm

Nm

Nm

litres

litres

litres

litres

2: CO / Mixture

BTDC

80

3.5

47

3.25 [3.4]¹

9 & 11, 1.2 (L42S/B/C37S)

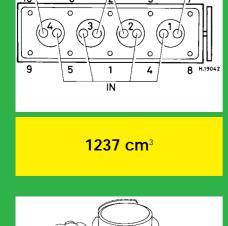
Automatic transmission - refill

Notes and Illustrations

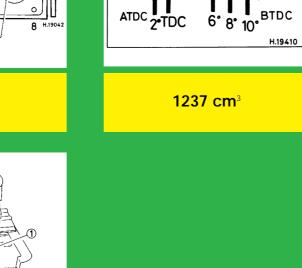
Gearbox - 4-speed [5-speed]

WT Final drive litres 6.0 Cooling system litres

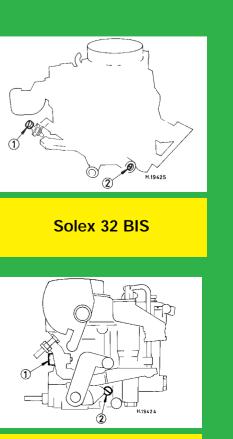
¹Plastic plug: 2.8 [2.9]



Solex 32 BIS, alternative



1: Idle speed



Zenith 32 IF2