Engine &

Cooling

Notes &

Illustrations

Elan

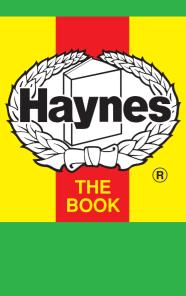
**Fuel** 

Electrical

gear

Running

Torque Capacities settings



## Automotive Technical

click anywhere on the data screen. **MENU HELP** Elan

Oil temperature	
Valve clearance - inlet	
Valve clearance - exhaust	

°C 1.0 bar 900 N/A rpm rpm %  $1.0 \pm 0.5$ ppm ≤1200 % %

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

IN

1 ΕX

1588 cm<sup>3</sup>

(QQ)3

@d\2

10

⊘&\\¹

° Crankshaft

V / CC / RC

bar

bar

 $^{\circ}C$ 

mm

mm

Type / ref Main jet / needle Injection pressure Pump pressure Octane rating

Primary resistance Ballast resistor

**Ignition system** Type Ignition coil Voltage - Tmnl 15(+) to earth Points gap (air gap)

Distributor Dwell angle Rotation

Condenser capacity Total ignition advance Centrifugal check.

Vacuum range check Spark plugs Type Electrode gap **Electrical system** 

**Battery** Running gear Brakes -

Rear (min. friction material thickness) **Tyres** Saloon Estate / Van Pressure - front / rear - Saloon

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

Toe-in (+) / Toe-out (-) Camber Torque wrench settings

- stage 2 - stage 4

Rear hubs Wheel nuts / bolts

Spark plugs

Final drive

Fuel tank

**Capacities** 

Engine oil & filter

Cooling system

Gearbox - 4-speed [5-speed]

Automatic transmission - refill

**Notes and Illustrations** 

Clutch cover Flywheel [driveplate] Front hubs

Cylinder head - stage 1 Cylinder head - stage 3 Big-end bearings Main bearings

Rear suspension / wheel alignment

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

° Crankshaft @ rpm ° Crankshaft @ rpm Maximum vacuum advance

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

° Crankshaft @ rpm V = Vacuum NV = No Vacuum

Ignition timing - basic [static

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

Compression ratio / pressure Oil pressure Firing order No 1 cylinder position Thermostat opening temperature Radiator cap pressure

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

1588 / 4

9.8 / 12.6

0.35

0: Hyd.

0: Hyd.

1-3-4-2

**TBE** 

**GM** 

**MPI** 

2.1 to 3.8

Electronic

97[E 95 RON]

Computer control

Computer control

Computer control

12 / 255 / 55Ah

14.2 to 14.8 / 60 / 3000

Elan

Elan

Elan

Elan

1990 to 1992

1990 to 1992

1990 to 1992

1990 to 1992

NGK

1.10

2.0

1.0

205/50x15

2.2 / 2.2

-15'±15'  $+1^{\circ}+30'-0$ 

+10°±30′

-30'±15'

40

78

90

19

+2.0±0.5 PW

 $15 + 45 \text{ to } 60^{\circ}$ 

 $30 + 45 \text{ to } 60^{\circ}$ 

225 to 235

**WSM** 

3.5

1.9

WT

6.25

46

80 to 88

BKR6E-11

Elan

80

Click on one of the buttons above to view data for this car. To return to this screen and make another choice,

1990 to 1992

4XE1-M DOHC 16V

Elan

1990 to 1992

1990 to 1992