ROVER

Engine &

Cooling

Fuel

Ignition

Electrical

Running gear

bar

bar

 $^{\circ}C$

mm

mm

°C

bar

rpm

rpm

ppm

%

% %

bar

bar

RON

ohms

ohms

٧

mm ° (%)

μF

° Crankshaft @ rpm

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

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

Torque settings

1396 / 4

1.7 to 3.5

0: Hyd.

0: Hyd.

1-3-4-2

0.9 to 1.2

875±50 N/A

≤0.5 N/A

Rover

 3.0 ± 0.2

4.1

95[U]

MEMS

NEC 100630

0.63 to 0.77

Computer control N/A

Computer control

Computer control

MEMS MPI

≤200

TBE

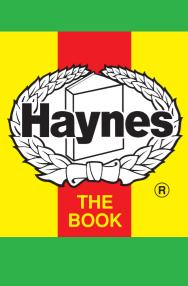
88±2

10.0 /

80

Capacities

Notes & Illustrations



Automotive Technical

return to this screen and make another choice, click anywhere on the data screen. **MENU HELP** 1995 to 1997

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

414i K16 DOHC 16V

414i

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1995 to 1997

1995 to 1997

Compression ratio / pressure Oil pressure

Capacity (cm3) / number of cylinders

Engine and cooling system

Oil temperature Valve clearance - inlet clearance - exhaust

Firing order No 1 cylinder position Thermostat opening temperature Radiator cap pressure Fuel system

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

Idle speed - manual [auto]

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

Ignition system Type Primary resistance Ballast resistor

Ignition coil 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**

Starter motor current / voltage - cranking Running gear Brakes -

Tyres Saloon Estate / Van Pressure - front / rear - Saloon

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

Camber

Torque wrench settings Cylinder head - stage 1 - stage 2 Cylinder head - stage 3

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

Big-end bearings Main bearings Clutch cover Flywheel [driveplate] Front hubs

- stage 4

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

- Estate / Van Front suspension / wheel alignment

- locked

bar bar mm [°]

Front (min. friction material thickness) Rear (min. friction material thickness) Size Size

A/V A/V mm mm

mm [°]

Nm

litres

litres

litres

litres

litres

litres

IN

3(

2

EX

1396 cm³, DOHC 16V

5

mm V / CC / RC Alternator voltage / full load current / engine rpm

Computer control mbar ° Crankshaft

Unipart GSP6662

0.85 65A

3.0

2.0

2.1 / 2.1

 $[0^{\circ}\pm0^{\circ}12']$

 $0^{\circ}\pm1^{\circ}$ 1°28′

10°41′

-55'

20

18

181

181

27

4.5

1.8

WT

55

5.0. A/C: 5.3

98 to 118

+180°

+180°

 $20 + 45^{\circ}$

[+11'±6'] PW

12 / 45Ah

414i 414i

1995 to 1997

1995 to 1997

175/65x14: 185/55x15

1995 to 1997

414i

414i 1995 to 1997

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