Ignition

1987 to 1989

Capacities

Notes &

Illustrations

Fuel

Engine &

Cooling

Automotive Technical

Electrical

Running

gear

return to this screen and make another choice, click anywhere on the data screen. **MENU HELP** 1987 to 1989

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

Oil temperature	
Valve clearance - inlet	
Valve clearance - exhaust	

Engine and cooling system

Capacity (cm³) / number of cylinders

Compression ratio / pressure

Oil pressure

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 Distributor

Voltage - Tmnl 15(+) to earth 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 King pin inclination

Rear suspension / wheel alignment Toe-in (+) / Toe-out (-) Camber

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

Big-end bearings

Main bearings

Capacities

Engine oil & filter

Clutch cover Flywheel [driveplate] Front hubs Rear hubs Wheel nuts / bolts Spark plugs

- stage 4

Automatic transmission - refill Final drive Cooling system Fuel tank **Notes and Illustrations**

³Rear: 1.5

2254 cm³

¹Alloy: 108 to 127

²With adapter case: 4.6. Without adapter case: 2.5

Gearbox - 4-speed [5-speed]

Nm Nm Nm Nm Nm Nm

1: Idle speed

Nm Nm Nm Nm Nm Nm

mm [°] mm [°]

mm mm Size Size bar - Estate / Van bar

mm V / CC / RC A/V A/V

- locked

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

^o Crankshaft

mbar

° Crankshaft @ rpm

mm ° (%) μF ° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm

bar 0.9 to 1.2 Trooper 2.3 (UBS16) 800 rpm 2700 to 3000 rpm % 2.0 ± 0.5 ppm % % Stromberg

bar

bar

RON

ohms

ohms

٧

2V 21E324

97[E 95 RON]

Electronic

1.1 to 1.6

[0.20 to 0.40]

Clockwise

6 BTDC @ 800

NGK/Champion

0.70 to 0.80

12 / _ / 65Ah

230 / 8.0

1.0

1.0

215x15

1.8 / 1.8

 $+2.0\pm2.0$

 $+30'\pm30'$ $+2^{\circ}30'\pm45'$

+10°±30′

88 to 108

57 to 61

83 to 113

16 to 20

54 to 64

17 to 21

Front: 1.03

Steel: 78 to 118¹

Trooper 2.3 (UBS16)

Stromberg 2V

WSM

WSM

4.2

9.8

83

litres

litres

litres

litres

litres

litres

2: CO / Mixture

2254 cm³

79

Trooper 2.3 (UBS16)

BPR6ES / RN7YC

Trooper 2.3 (UBS16)

14.2 to 14.8 / _ / 1900

Trooper 2.3 (UBS16)

Trooper 2.3 (UBS16)

126, 165

0.25

bar bar °C 50 mm 0.15 mm 0.25 1-3-4-2 **TBE** °C 82

4ZD1 2254 / 4 $8.3 / \geq 8.2$ [3.9 to 4.9]

Trooper 2.3 (UBS16)

Torque

settings

1987 to 1989

1987 to 1989