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Automotive Technical DATA BOOK

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HELP

Engine and cooling system 200, 1700 1986 to 1992

| | | |
|---|-------------------------|--------------|
| Type | 17V C95L. 90 ▶: 17V E45 | |
| Capacity (cm ³) / number of cylinders | 1700 / 4 | |
| Compression ratio / pressure | bar | 8.1 / 10.3 |
| Oil pressure | bar | [3.8 to 5.5] |
| Oil temperature | °C | – |
| Valve clearance - inlet | mm | 0.30±0.03 |
| Valve clearance - exhaust | mm | 0.30±0.03 |
| Firing order | 1-3-4-2 | |
| No 1 cylinder position | F | |
| Thermostat opening temperature | °C | 82 to 84 |
| Radiator cap pressure | bar | 1.0 |

Fuel system 200, 1700 1986 to 1992

| | | |
|---|-------------|--------------------|
| Idle speed - manual [auto] | rpm | 650±50 |
| Fast idle speed - manual [auto] | rpm | 1300±50 |
| CO @ idle speed [3000 rpm] - see page VI | % | – |
| HC @ idle speed [3000 rpm] - see page VI | ppm | – |
| CO ₂ @ idle speed [3000 rpm] - see page VI | % | – |
| O ₂ @ idle speed [3000 rpm] - see page VI | % | – |
| Carburettor / fuel injection | SU | |
| Type / ref | HIF44 | |
| Main jet / needle | 0.100 / BGJ | |
| Injection pressure | bar | – |
| Pump pressure | bar | – |
| Octane rating | RON | 91[L] ¹ |

Ignition system 200, 1700 1986 to 1992

| | | |
|---|--------------------|------------------|
| Type | Computerized | |
| Ignition coil | Bosch | |
| Primary resistance | ohms | – |
| Ballast resistor | ohms | – |
| Voltage - Tmnl 15(+) to earth | V | – |
| Distributor | Lucas | |
| Points gap (air gap) | mm | – |
| Dwell angle | ° (%) | – |
| Condenser capacity | µF | – |
| Rotation | – | |
| Ignition timing - basic [static V = Vacuum NV = No Vacuum] | ° Crankshaft @ rpm | Computer control |
| Total ignition advance | ° Crankshaft @ rpm | – |
| | ° Crankshaft @ rpm | – |
| | ° Crankshaft @ rpm | – |
| Centrifugal check. | ° Crankshaft @ rpm | Computer control |
| | ° Crankshaft @ rpm | – |
| | ° Crankshaft @ rpm | – |
| Vacuum range check | mbar | Computer control |
| Maximum vacuum advance | ° Crankshaft | – |
| Spark plugs | NGK/Champion | |
| Type | BP6ES / RS9YCC | |
| Electrode gap | mm | 0.90 |

Electrical system 200, 1700 1986 to 1992

| | | |
|---|-------------------------|-----------------|
| Battery | V / CC / RC | 12 / 40 or 55Ah |
| Alternator voltage / full load current / engine rpm | 13.5 to 14.4 / _ / 3000 | |
| Starter motor current / voltage - cranking | A / V | 260 / 8.0 |
| - locked | A / V | 460 / 7.0 |

Running gear 200, 1700 1986 to 1992

| | | |
|--|----|-----|
| Brakes - | | |
| Front (min. friction material thickness) | mm | 3.0 |
| Rear (min. friction material thickness) | mm | 1.5 |

| | | |
|----------------------------------|------|----------------|
| Tyres | | |
| Saloon | Size | – |
| Estate / Van | Size | 165x14: 185x14 |
| Pressure - front / rear - Saloon | bar | – |
| - Estate / Van | bar | WSM |

Front suspension / wheel alignment

| | | |
|--------------------------|--------|-----------|
| Toe-in (+) / Toe-out (-) | mm [°] | 0 to -1.6 |
| Camber | +2°30' | |
| Castor | +5° | |
| King pin inclination | +8°30' | |

Rear suspension / wheel alignment

| | | |
|--------------------------|--------|---|
| Toe-in (+) / Toe-out (-) | mm [°] | – |
| Camber | – | |

Torque wrench settings 200, 1700 1986 to 1992

| | | |
|-------------------------|----|------------|
| Cylinder head - stage 1 | Nm | 47 |
| - stage 2 | Nm | 81 |
| Cylinder head - stage 3 | Nm | + 90° |
| - stage 4 | Nm | – |
| Big-end bearings | Nm | 52 to 58 |
| Main bearings | Nm | 95 to 115 |
| Clutch cover | Nm | 23 |
| Flywheel [driveplate] | Nm | 80 to 90 |
| Front hubs | Nm | WSM |
| Rear hubs | Nm | 203 to 217 |
| Wheel nuts / bolts | Nm | 68 to 92 |
| Spark plugs | Nm | 15 to 20 |

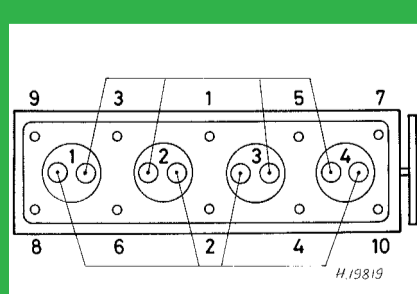
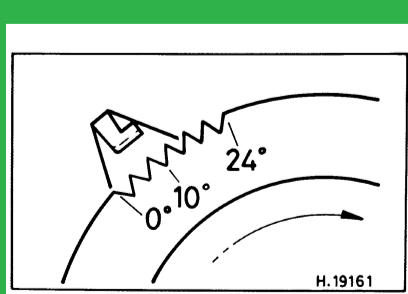
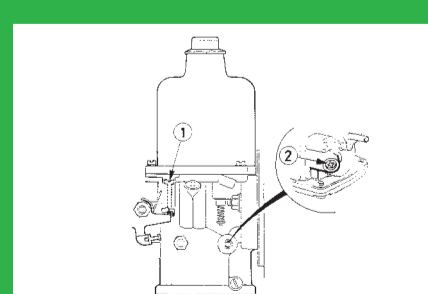
Capacities 200, 1700 1986 to 1992

| | | |
|---------------------------------|--------|-----------------|
| Engine oil & filter | litres | 4.3 |
| Gearbox - 4-speed [5-speed] | litres | 2.0 |
| Automatic transmission - refill | litres | – |
| Final drive | litres | 1.9 |
| Cooling system | litres | 5.75 |
| Fuel tank | litres | 50. Ch' cab: 64 |

Notes and Illustrations

¹Engine no. 17VC95L103288 (VIN 823465) ▶: [E 91 RON]

1: Idle speed 2: CO / Mixture


 1700 cm³

 1700 cm³


SU HIF44