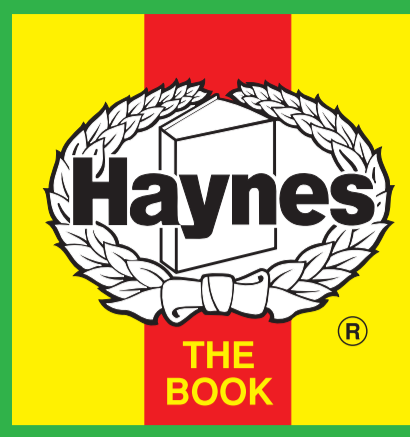


| | | | | | | | |
|------------------|------|----------|------------|--------------|-----------------|------------|-----------------------|
| Engine & Cooling | Fuel | Ignition | Electrical | Running gear | Torque settings | Capacities | Notes & Illustrations |
|------------------|------|----------|------------|--------------|-----------------|------------|-----------------------|



Automotive Technical DATA BOOK

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

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HELP

Engine and cooling system 806, 2.0 1995 to 1997

| | | |
|---|--------------------------------|-----------|
| Type | XU10J2C/Z/L/L3 (RFU) 89kW EC96 | |
| Capacity (cm ³) / number of cylinders | 1998 / 4 | |
| Compression ratio / pressure | bar | 9.5 / _ |
| Oil pressure | bar | [4.8] |
| Oil temperature | °C | 80 |
| Valve clearance - inlet | mm | 0.20±0.05 |
| Valve clearance - exhaust | mm | 0.40±0.05 |
| Firing order | 1-3-4-2 | |
| No 1 cylinder position | FE | |
| Thermostat opening temperature | °C | 89 |
| Radiator cap pressure | bar | 1.4 |

Fuel system 806, 2.0 1995 to 1997

| | | |
|---|------------------|------------|
| Idle speed - manual [auto] | rpm | 850±50 |
| Fast idle speed - manual [auto] | rpm | _ |
| CO @ idle speed [3000 rpm] - see page VI | % | ≤0.3 N/A |
| HC @ idle speed [3000 rpm] - see page VI | ppm | ≤200 |
| CO ₂ @ idle speed [3000 rpm] - see page VI | % | ≥14.0 |
| O ₂ @ idle speed [3000 rpm] - see page VI | % | _ |
| Carburettor / fuel injection | _Magneti-Marelli | |
| Type / ref | MM 8P-22 MPI | |
| Main jet / needle | _ | |
| Injection pressure | bar | 2.0 to 2.5 |
| Pump pressure | bar | _ |
| Octane rating | RON | 95[U] |

Ignition system 806, 2.0 1995 to 1997

| | | |
|---------------------------------|---------------------|----------------------|
| Type | Static | |
| Ignition coil | BAE 04-V5. 4 output | |
| Primary resistance | ohms | 0.8 |
| Ballast resistor | ohms | _ |
| Voltage - Tmnl 15(+) to earth | V | _ |
| Distributor | _ | |
| Points gap (air gap) | mm | _ |
| Dwell angle | ° (%) | _ |
| Condenser capacity | µF | _ |
| Rotation | _ | |
| Ignition timing - basic [static | ° Crankshaft @ rpm | Computer control N/A |
| V = Vacuum NV = No Vacuum | _ | |
| Total ignition advance | ° Crankshaft @ rpm | Computer control |
| | ° 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 | Bosch | |
| Type | FR8LDC | |
| Electrode gap | mm | 0.80 |

Electrical system 806, 2.0 1995 to 1997

| | | |
|---|-------------|------------------------|
| Battery | V / CC / RC | 12 L1 250, 300, L2 400 |
| Alternator voltage / full load current / engine rpm | 80, 90, 120 | |
| Starter motor current / voltage - cranking | A / V | 300 |
| - locked | A / V | _ |

Running gear 806, 2.0 1995 to 1997

| | | |
|--|----|------------------|
| Brakes - | | |
| Front (min. friction material thickness) | mm | 8.5 with backing |
| Rear (min. friction material thickness) | mm | _ |

| | | |
|----------------------------------|------|----------------------|
| Tyres | | |
| Saloon | Size | 195/65x15: 205/65x15 |
| Estate / Van | Size | _ |
| Pressure - front / rear - Saloon | bar | 2.3 / 2.3 |
| - Estate / Van | bar | _ |

Front suspension / wheel alignment

| | | |
|--------------------------|--------|-------------|
| Toe-in (+) / Toe-out (-) | mm [°] | 2±1 |
| Camber | | 0±30' |
| Castor | | +3°30'±30' |
| King pin inclination | | +11°30'±40' |

Rear suspension / wheel alignment

| | | |
|--------------------------|--------|--------|
| Toe-in (+) / Toe-out (-) | mm [°] | 2±1 |
| Camber | | 1°±30' |

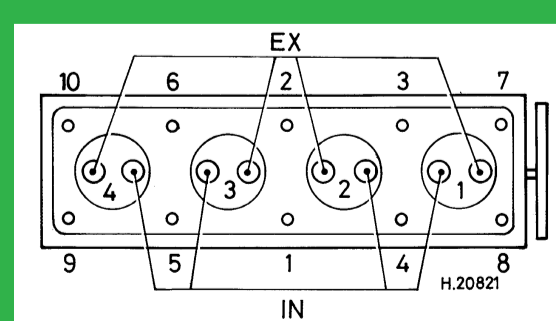
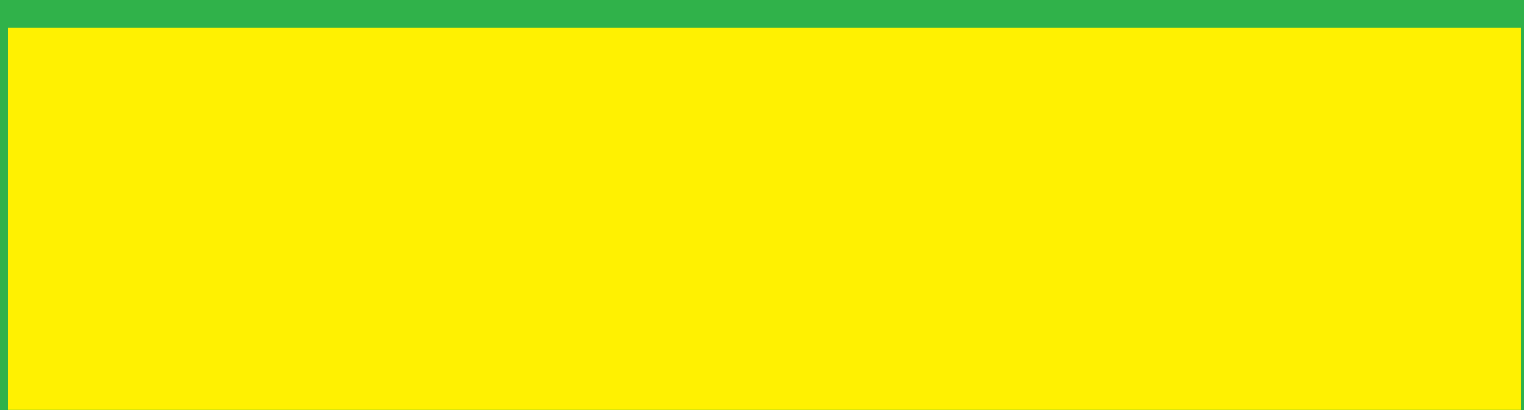
Torque wrench settings 806, 2.0 1995 to 1997

| | | |
|-------------------------|----|-----------------------|
| Cylinder head - stage 1 | Nm | Bolts ≤122mm |
| - stage 2 | Nm | 35 |
| Cylinder head - stage 3 | Nm | 70 |
| - stage 4 | Nm | +160° |
| Big-end bearings | Nm | 40, slacken, 20 + 70° |
| Main bearings | Nm | 70 |
| Clutch cover | Nm | _ |
| Flywheel [driveplate] | Nm | 50 |
| Front hubs | Nm | 100 +60° |
| Rear hubs | Nm | 100 +60° |
| Wheel nuts / bolts | Nm | 100 |
| Spark plugs | Nm | 25 |

Capacities 806, 2.0 1995 to 1997

| | | |
|---------------------------------|--------|---------------|
| Engine oil & filter | litres | 4.9. A/C: 4.5 |
| Gearbox - 4-speed [5-speed] | litres | 1.8 |
| Automatic transmission - refill | litres | _ |
| Final drive | litres | WT |
| Cooling system | litres | 9.0 |
| Fuel tank | litres | 80 |

Notes and Illustrations



1998 cm³, 8V