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Automotive Technical DATA BOOK

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HELP

Engine and cooling system Saxo 1.4 1996 to 1997

| | | |
|---|-----|---------------------|
| Type | | TU3JP/L3 (KFX) 55kW |
| Capacity (cm ³) / number of cylinders | | 1360 / 4 |
| Compression ratio / pressure | bar | 10.2 / _ |
| Oil pressure | bar | [≥4.0] |
| Oil temperature | °C | 90 |
| 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 | 88 |
| Radiator cap pressure | bar | 1.4 |

Fuel system Saxo 1.4 1996 to 1997

| | | |
|---|-----|------------------|
| Idle speed - manual [auto] | rpm | 850±50 N/A |
| Fast idle speed - manual [auto] | rpm | _ |
| CO @ idle speed [3000 rpm] - see page VI | % | ≤0.5 |
| HC @ idle speed [3000 rpm] - see page VI | ppm | ≤200 |
| CO ₂ @ idle speed [3000 rpm] - see page VI | % | ≥11.0 |
| O ₂ @ idle speed [3000 rpm] - see page VI | % | _ |
| Carburettor / fuel injection | | _Magneti-Marelli |
| Type / ref | | 1AP40 MPI |
| Main jet / needle | | _ |
| Injection pressure | bar | 2.5 to 3.0 |
| Pump pressure | bar | _ |
| Octane rating | RON | 95[U] |

Ignition system Saxo 1.4 1996 to 1997

| | | |
|--|--------------------|--------------------|
| Type | | Static |
| Ignition coil | | Bosch BAE 04 |
| 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 V = Vacuum NV = No Vacuum | ° Crankshaft @ rpm | Computer control |
| Total ignition advance | ° Crankshaft @ rpm | Computer control |
| Centrifugal check. | ° Crankshaft @ rpm | Computer control |
| Vacuum range check | mbar | Computer control |
| Maximum vacuum advance | ° Crankshaft | _ |
| Spark plugs | | Bosch/Eyquem |
| Type | | FR7LDC / RFC52LZ2E |
| Electrode gap | mm | 0.90 |

Electrical system Saxo 1.4 1996 to 1997

| | | |
|---|-------------|---|
| Battery | V / CC / RC | _ |
| Alternator voltage / full load current / engine rpm | | _ |
| Starter motor current / voltage - cranking | A / V | _ |
| - locked | A / V | _ |

Running gear Saxo 1.4 1996 to 1997

| | | |
|--|----|-----|
| Brakes - | | |
| Front (min. friction material thickness) | mm | _ |
| Rear (min. friction material thickness) | mm | 1.0 |

| | | |
|----------------------------------|------|-----------|
| Tyres | | |
| Saloon | Size | 165/70x13 |
| Estate / Van | Size | _ |
| Pressure - front / rear - Saloon | bar | 2.2 / 2.0 |
| - Estate / Van | bar | _ |

Front suspension / wheel alignment

| | | |
|--------------------------|--------|--------------------------------|
| Toe-in (+) / Toe-out (-) | mm [°] | -1.0 to -3.0. PAS: +1.0 to 3.0 |
| Camber | | -40'±30' |
| Castor | | +2°13'±30'. PAS: +3°14'±30' |
| King pin inclination | | +12°41'±40'. PAS: +12°42'±40' |

Rear suspension / wheel alignment

| | | |
|--------------------------|--------|---------------|
| Toe-in (+) / Toe-out (-) | mm [°] | +1.49 to 6.39 |
| Camber | | -59'±20' |

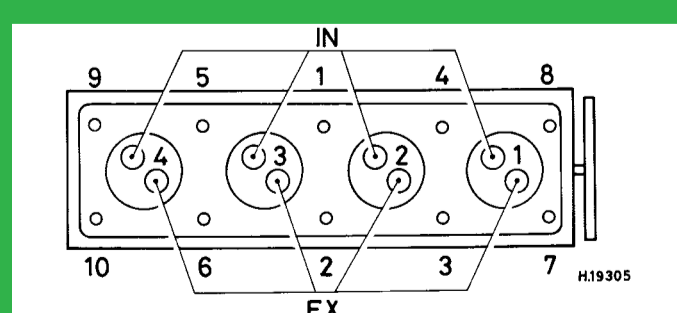
Torque wrench settings Saxo 1.4 1996 to 1997

| | | |
|-------------------------|----|-----------------------|
| Cylinder head - stage 1 | Nm | Bolts ≤176.5mm |
| - stage 2 | Nm | 20 oiled |
| Cylinder head - stage 3 | Nm | + 240±5° |
| - stage 4 | Nm | _ |
| Big-end bearings | Nm | 38 |
| Main bearings | Nm | M11: 20 + 45°. M6: 10 |
| Clutch cover | Nm | 13 |
| Flywheel [driveplate] | Nm | 65 LkC |
| Front hubs | Nm | 250 |
| Rear hubs | Nm | _ |
| Wheel nuts / bolts | Nm | 85 |
| Spark plugs | Nm | 25 |

Capacities Saxo 1.4 1996 to 1997

| | | |
|---------------------------------|--------|-----|
| Engine oil & filter | litres | 3.5 |
| Gearbox - 4-speed [5-speed] | litres | 2.0 |
| Automatic transmission - refill | litres | _ |
| Final drive | litres | WT |
| Cooling system | litres | 6.1 |
| Fuel tank | litres | 45 |

Notes and Illustrations



1360 cm³