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HELP

Engine and cooling system Coupé 16V Turbo 1994 to 1996

| | | |
|---|-----|---------------------------|
| Type | | 175 A1.000 140kW DOHC 16V |
| Capacity (cm ³) / number of cylinders | | 1995 / 4 |
| Compression ratio / pressure | bar | 8.0 / _ |
| Oil pressure | bar | 1.1 |
| Oil temperature | °C | 80 |
| Valve clearance - inlet | mm | 0.40±0.03 |
| Valve clearance - exhaust | mm | 0.50±0.03 |
| Firing order | | 1-3-4-2 |
| No 1 cylinder position | | TBE |
| Thermostat opening temperature | °C | 81 to 85 |
| Radiator cap pressure | bar | 1.00 |

Fuel system Coupé 16V Turbo 1994 to 1996

| | | |
|---|-----|----------------|
| Idle speed - manual [auto] | rpm | 850±50 |
| Fast idle speed - manual [auto] | rpm | _ |
| CO @ idle speed [3000 rpm] - see page VI | % | ≤0.35 |
| HC @ idle speed [3000 rpm] - see page VI | ppm | ≤90 |
| CO ₂ @ idle speed [3000 rpm] - see page VI | % | ≥13.0 |
| O ₂ @ idle speed [3000 rpm] - see page VI | % | _ |
| Carburettor / fuel injection | | _Weber-Marelli |
| Type / ref | | IAW 4WF.P8 MPI |
| Main jet / needle | | _ |
| Injection pressure | bar | 2.5 |
| Pump pressure | bar | _ |
| Octane rating | RON | 95[U] |

Ignition system Coupé 16V Turbo 1994 to 1996

| | | |
|--|--------------------|--------------------|
| Type | | IAW Static |
| Ignition coil | | Marelli 800 DK |
| Primary resistance | ohms | 0.405 to 0.605 |
| 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 | 10±2 BTDC @ 850±50 |
| 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 | | WR6DTC |
| Electrode gap | mm | 0.80 to 1.00 |

Electrical system Coupé 16V Turbo 1994 to 1996

| | | |
|---|-------------|-----------------------|
| Battery | V / CC / RC | 12 / 60Ah |
| Alternator voltage / full load current / engine rpm | | 14.0 to 14.3 / 70 / _ |
| Starter motor current / voltage - cranking | A / V | _ |
| - locked | A / V | _ |

Running gear Coupé 16V Turbo 1994 to 1996

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

| | | |
|----------------------------------|------|-----------|
| Tyres | | |
| Saloon | Size | 205/50x16 |
| Estate / Van | Size | _ |
| Pressure - front / rear - Saloon | bar | 2.5 / 2.2 |
| - Estate / Van | bar | _ |

Front suspension / wheel alignment

| | | |
|--------------------------|--------|----------------|
| Toe-in (+) / Toe-out (-) | mm [°] | +1.0 to -1.0 |
| Camber | | -45' to 15' |
| Castor | | 2°10' to 3°10' |
| King pin inclination | | _ |

Rear suspension / wheel alignment

| | | |
|--------------------------|--------|----------------|
| Toe-in (+) / Toe-out (-) | mm [°] | +2.5 to -1.5 |
| Camber | | -1°30' to -30' |

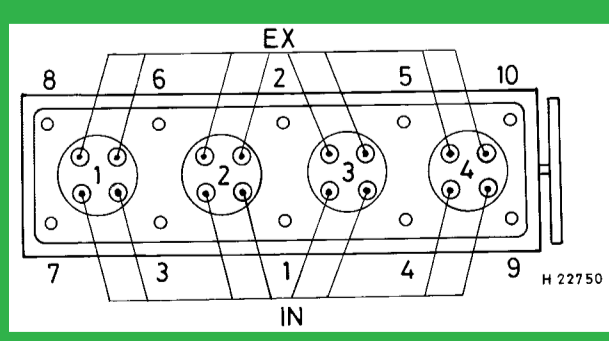
Torque wrench settings Coupé 16V Turbo 1994 to 1996

| | | |
|-------------------------|----|-----------------------------|
| Cylinder head - stage 1 | Nm | 20 |
| - stage 2 | Nm | 50 |
| Cylinder head - stage 3 | Nm | + 90° |
| - stage 4 | Nm | + 90° |
| Big-end bearings | Nm | 25 + 50° |
| Main bearings | Nm | 20 + 90°. Centre: 20 + 130° |
| Clutch cover | Nm | 24 |
| Flywheel [driveplate] | Nm | 142 |
| Front hubs | Nm | 280 |
| Rear hubs | Nm | 280 |
| Wheel nuts / bolts | Nm | 97 |
| Spark plugs | Nm | 37 |

Capacities Coupé 16V Turbo 1994 to 1996

| | | |
|---------------------------------|--------|-----|
| Engine oil & filter | litres | 5.2 |
| Gearbox - 4-speed [5-speed] | litres | 2.4 |
| Automatic transmission - refill | litres | _ |
| Final drive | litres | WT |
| Cooling system | litres | 7.5 |
| Fuel tank | litres | 60 |

Notes and Illustrations



1995 cm³, DOHC 16V