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Automotive Technical DATA BOOK

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HELP

Engine and cooling system Xantia Turbo CT & Activa 1995 to 1997

| | | |
|---|-----|--------------------------------|
| Type | | XU10J2CTE/L3 (RGX) 108kW EEC96 |
| Capacity (cm ³) / number of cylinders | | 1998 / 4 |
| Compression ratio / pressure | bar | 8.0 / _ |
| Oil pressure | bar | [6.4] |
| 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 Xantia Turbo CT & Activa 1995 to 1997

| | | |
|---|-----|-------------------------|
| Idle speed - manual [auto] | rpm | 800±50 N/A |
| Fast idle speed - manual [auto] | rpm | _ |
| CO @ idle speed [3000 rpm] - see page VI | % | ≤0.5 N/A |
| HC @ idle speed [3000 rpm] - see page VI | ppm | ≤100 |
| CO ₂ @ idle speed [3000 rpm] - see page VI | % | ≥11.0 |
| O ₂ @ idle speed [3000 rpm] - see page VI | % | _ |
| Carburettor / fuel injection | | Bosch |
| Type / ref | | MP3.2-Motronic MPI SEFI |
| Main jet / needle | | _ |
| Injection pressure | bar | 3.0 |
| Pump pressure | bar | 3.0 |
| Octane rating | RON | 95[U] |

Ignition system Xantia Turbo CT & Activa 1995 to 1997

| | | |
|---|--------------------|-----------------------------|
| Type | | Direct electronic |
| Ignition coil | | 4xValeo BAE 01 (1 per plug) |
| Primary resistance | ohms | 0.65 |
| 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 N/A |
| 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 | | Eyquem/Bosch |
| Type | | RFC58LS2E / FR8LDC |
| Electrode gap | mm | 0.90 |

Electrical system Xantia Turbo CT & Activa 1995 to 1997

| | | |
|---|-------------|---------------------------|
| Battery | V / CC / RC | (12L2 300) |
| Alternator voltage / full load current / engine rpm | | 13.0 / 80. A/C: 90 / 1850 |
| Starter motor current / voltage - cranking | A / V | 300 |
| - locked | A / V | _ |

Running gear Xantia Turbo CT & Activa 1995 to 1997

| | | |
|---|--------|-----------------|
| Brakes - | | |
| Front (min. friction material thickness) | mm | 2.0 |
| Rear (min. friction material thickness) | mm | 2.0 |
| Tyres | | |
| Saloon | Size | 205/60x15 |
| Estate / Van | Size | 205/60x15 |
| Pressure - front / rear - Saloon | bar | 2.3 / 2.1 |
| - Estate / Van | bar | Refer to car |
| Front suspension / wheel alignment | | |
| Toe-in (+) / Toe-out (-) | mm [°] | 0 to -3.0 |
| Camber | | 0±30' N/A |
| Castor | | +3°±30' N/A |
| King pin inclination | | +13°15'±30' N/A |
| Rear suspension / wheel alignment | | |
| Toe-in (+) / Toe-out (-) | mm [°] | +1.0 to 6.0 N/A |
| Camber | | -1°15'±20' N/A |

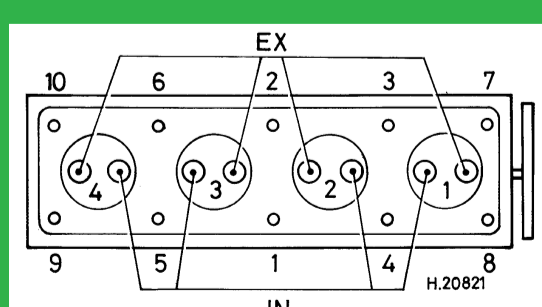
Torque wrench settings Xantia Turbo CT & Activa 1995 to 1997

| | | |
|-------------------------|----|----------------------------|
| 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, then 20 + 70° |
| Main bearings | Nm | 70 |
| Clutch cover | Nm | 20 |
| Flywheel [driveplate] | Nm | 50 LkC |
| Front hubs | Nm | 320 |
| Rear hubs | Nm | 280 |
| Wheel nuts / bolts | Nm | 90 |
| Spark plugs | Nm | 25 |

Capacities Xantia Turbo CT & Activa 1995 to 1997

| | | |
|---------------------------------|--------|----------------|
| Engine oil & filter | litres | 4.75. A/C: 4.5 |
| Gearbox - 4-speed [5-speed] | litres | 1.8 |
| Automatic transmission - refill | litres | _ |
| Final drive | litres | WT |
| Cooling system | litres | 10.0 |
| Fuel tank | litres | 65 |

Notes and Illustrations



1998 cm³, SOHC 8V