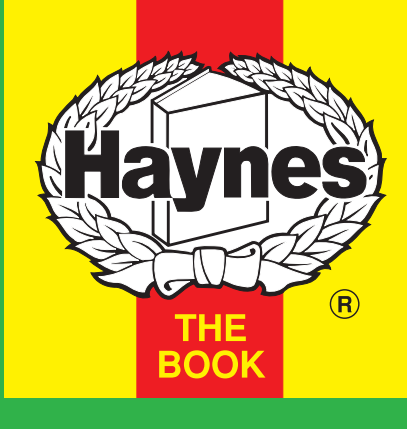


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
------------------	------	----------	------------	--------------	-----------------	------------	-----------------------



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.

MENU

HELP

Engine and cooling systemXantia 2.0i 16V1993 to 1995

Type		XU10J4D/Z/L3 (RFY) 112kW US83
Capacity (cm³) / number of cylinders		1998 / 4
Compression ratio / pressure	bar	10.4 / _
Oil pressure	bar	2.1 [5.2]
Oil temperature	°C	90
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	89
Radiator cap pressure	bar	1.4

Fuel systemXantia 2.0i 16V1993 to 1995

Idle speed - manual [auto]	rpm	880±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
CO2 @ idle speed [3000 rpm] - see page VI	%	≥11.0
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Bosch
Type / ref		MP3.2-Motronic MPI SEFI
Main jet / needle		_
Injection pressure	bar	_
Pump pressure	bar	3.0
Octane rating	RON	95[U]

Ignition systemXantia 2.0i 16V1993 to 1995

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	° Crankshaft @ rpm	Computer control N/A
V = Vacuum NV = No Vacuum		_
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/Champion
Type		RFC58LS / RC7YCC
Electrode gap	mm	0.80

Electrical systemXantia 2.0i 16V1993 to 1995

Battery	V / CC / RC	(12L2 300)
Alternator voltage / full load current / engine rpm		13.0 / 75, 92 / 1850
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gearXantia 2.0i 16V1993 to 1995

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	2.0

Tyres		
Saloon	Size	205/55x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.3 / 2.1
- Estate / Van	bar	_

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°20'±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 settingsXantia 2.0i 16V1993 to 1995

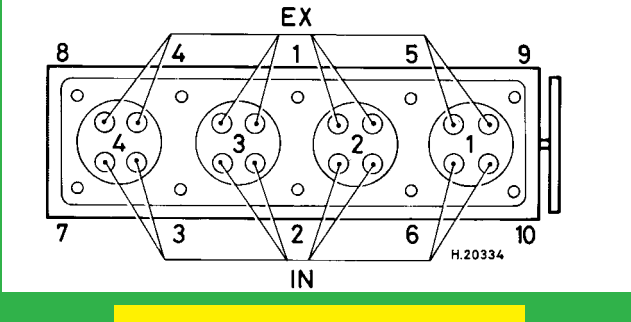
Cylinder head - stage 1	Nm	35 N
- stage 2	Nm	70
Cylinder head - stage 3	Nm	+ 160°
- stage 4	Nm	_
Big-end bearings	Nm	40, then slacken¹
Main bearings	Nm	70
Clutch cover	Nm	20
Flywheel [driveplate]	Nm	48
Front hubs	Nm	320
Rear hubs	Nm	280
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	25

CapacitiesXantia 2.0i 16V1993 to 1995

Engine oil & filter	litres	4.3
Gearbox - 4-speed [5-speed]	litres	1.8
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	7.5. A/c: 8.0
Fuel tank	litres	65

Notes and Illustrations

¹Then 20 + 70°



1998 cm³, DOHC 16V