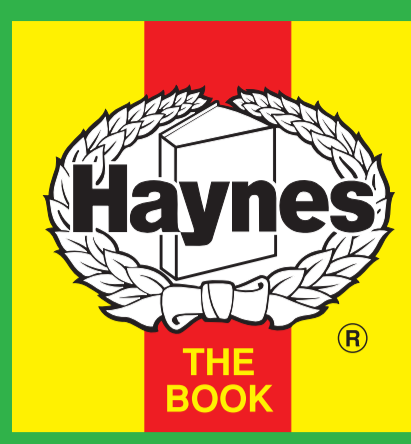


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical DATA BOOK

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HELP

Engine and cooling system 605, 2.0 Turbo CAT 1993 to 1995

Type	XU10J2TE/Z (RGY) 104kW US83	
Capacity (cm ³) / number of cylinders	1998 / 4	
Compression ratio / pressure	bar	8.5 / _
Oil pressure	bar	2.3 [5.7]
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 to 101
Radiator cap pressure	bar	1.4

Fuel system 605, 2.0 Turbo CAT 1993 to 1995

Idle speed - manual [auto]	rpm	800±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤300
CO ₂ @ idle speed [3000 rpm] - see page VI	%	_
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	Bosch	
Type / ref	MP3.2-Motronic	
Main jet / needle	_	
Injection pressure	bar	3.0
Pump pressure	bar	2.8 to 3.2
Octane rating	RON	95[U]

Ignition system 605, 2.0 Turbo CAT 1993 to 1995

Type	Static	
Ignition coil	2xValeo. Bosch	
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	Anticlockwise	
Ignition timing - basic [static	° Crankshaft @ rpm	N/A
V = Vacuum NV = No Vacuum	NV	
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	
Type	RFC58LS3	
Electrode gap	mm	0.80±0.05

Electrical system 605, 2.0 Turbo CAT 1993 to 1995

Battery	V / CC / RC	(12L2 400)
Alternator voltage / full load current / engine rpm	13.8 to 14.8 / _ / 3000	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear 605, 2.0 Turbo CAT 1993 to 1995

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

Tyres		
Saloon	Size	205/60x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.3 / 2.3
- Estate / Van	bar	_

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+0.71±0.5
Camber		-18'±30'
Castor		+2°35'±30'
King pin inclination		+13°38'±30'

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+1.14±0.3 PW
Camber		-1°29'±30'

Torque wrench settings 605, 2.0 Turbo CAT 1993 to 1995

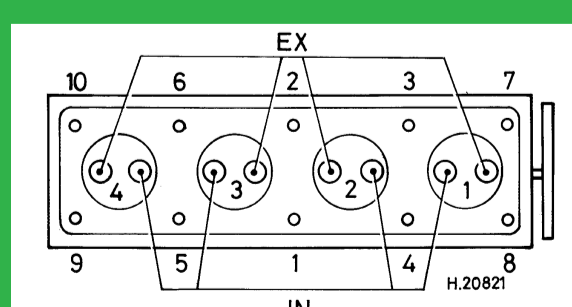
Cylinder head - stage 1	Nm	35: Bolts ≤122mm
- stage 2	Nm	70
Cylinder head - stage 3	Nm	+ 160°
- stage 4	Nm	_
Big-end bearings	Nm	40 ¹
Main bearings	Nm	70
Clutch cover	Nm	15
Flywheel [driveplate]	Nm	50 LkC
Front hubs	Nm	345
Rear hubs	Nm	280
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	27

Capacities 605, 2.0 Turbo CAT 1993 to 1995

Engine oil & filter	litres	4.75. A/C: 4.5
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	7.3
Fuel tank	litres	80

Notes and Illustrations

¹Slacken, then 20 + 70°



1998 cm³, 8V