

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 system 605 V6 24V 1995 to 1997

Type	ZPJ4/L/Z(UKZ) DOHC 24V 147kW	
Capacity (cm ³) / number of cylinders	2963 / 6	
Compression ratio / pressure	bar	9.5 / _
Oil pressure	bar	[4.2 to 5.8]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	1-6-3-5-2-4	
No 1 cylinder position	FEL	
Thermostat opening temperature	°C	78
Radiator cap pressure	bar	1.4

Fuel system 605 V6 24V 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	≤200
CO ₂ @ idle speed [3000 rpm] - see page VI	%	_
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	_Bendix	
Type / ref	Fenix 4 MPI	
Main jet / needle	_	
Injection pressure	bar	3.0
Pump pressure	bar	_
Octane rating	RON	95[U]

Ignition system 605 V6 24V 1995 to 1997

Type	Computerized	
Ignition coil	0.7	
Primary resistance	ohms	_
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	Computer control
Centrifugal check.	° Crankshaft @ rpm	Computer control
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	_
Spark plugs	_/Champion	
Type	RC7BMC	
Electrode gap	mm	N/A

Electrical system 605 V6 24V 1995 to 1997

Battery	V / CC / RC	12 / 75Ah
Alternator voltage / full load current / engine rpm	_	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear 605 V6 24V 1995 to 1997

Brakes -		
Front (min. friction material thickness)	mm	_
Rear (min. friction material thickness)	mm	_
Tyres		
Saloon	Size	225/50x16
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.3 / 2.3
- Estate / Van	bar	_
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+1.4±1.0
Camber		-16'±30'
Castor		2°40'±30'
King pin inclination		13°33'±30'
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+2.8±0.6
Camber		-1°30'±30'

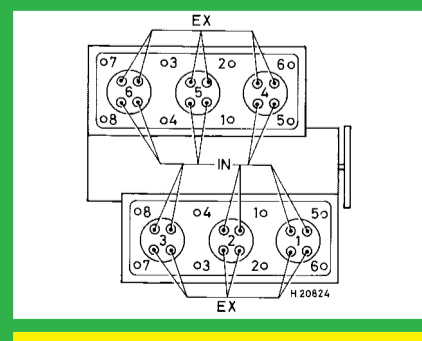
Torque wrench settings 605 V6 24V 1995 to 1997

Cylinder head - stage 1	Nm	60
- stage 2	Nm	Slacken
Cylinder head - stage 3	Nm	40
- stage 4	Nm	+180°
Big-end bearings	Nm	25 + 75°
Main bearings	Nm	70, slacken, then 30 + 75°
Clutch cover	Nm	15
Flywheel [driveplate]	Nm	50
Front hubs	Nm	345
Rear hubs	Nm	280
Wheel nuts / bolts	Nm	85
Spark plugs	Nm	28 to 30

Capacities 605 V6 24V 1995 to 1997

Engine oil & filter	litres	6.5
Gearbox - 4-speed [5-speed]	litres	2.2
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	10.0
Fuel tank	litres	80

Notes and Illustrations



2963 cm³, 24V