



MENU

HELP

Engine and cooling system	9 & 11 1.4 (L423/B/C373)	1985 to 1989
Trans	331-5-33	

Capacity (cm ³) / number of cylinders		1397 / 4
Compression ratio / pressure	bar	9.25 / _
Oil pressure	bar	0.7 [3.5]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.15
Valve clearance - exhaust	mm	0.20
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	86 or 89
Radiator cap pressure	bar	

Fuel system	9 & 11 1 4 (I 423/B/C373)	1985 to 1989
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Idle speed - manual [auto]	rpm	700 to 750 (15: 650±50)
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	1.5±0.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Weber
Type / ref		32 DRT 2 / 15
Main jet / needle		107, 105 (15: 110, 105)
Injection pressure	bar	—
Pump pressure	bar	0.17 to 0.27

Ignition system	0 8 11 1 4 / 1133/B/C373	1985 to 1989
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Type		AEI
Ignition coil		Renix
Primary resistance	ohms	0.4 to 0.8
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Renix
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	μF	—
Rotation		—
Ignition timing - basic [static	° Crankshaft @ rpm	8±1 BTDC @ idle
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	RE254
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	7 to 9 @ 650
	° Crankshaft @ rpm	9 to 12 @ 1550
	° Crankshaft @ rpm	28 to 30 @ 4050
Vacuum range check	mbar	300 @ 4550 rpm
Maximum vacuum advance	° Crankshaft	≥10
Spark plugs		AC/Champion
Type		C42CXLS / N281YC
Electrode gap	mm	0.75 to 0.85

Electrical system	9 & 11 1 4 (I 423/B/C373)	1985 to 1989
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Battery	V / CC / RC	12 / 175 / 60
Alternator voltage / full load current / engine rpm		–
Starter motor current / voltage – cranking	A / V	

- locked	A / V	350 to 420 / _
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Running gear	9 & 11 1.4 (L423/B/C373)	1985 to 1989
Brakes -		

Rear (min. friction material thickness)	mm	2.5 with backing
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Saloon	Size	155x13: 175/70x13
Estate / Van	Size	—

- Estate / Van bar _

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-1.0±1.0
Camber		0±30'

Castor	± 1.150
King pin inclination	$+12^{\circ}55' \pm 30'$

Rear suspension / wheel alignment		Unit	2.5L 4x4
Toe in (in) / Toe out (in)			0.45 ± 0.0

Camber	-50'±30'
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Torque wrench settings	9 & 11 1.4 (L423/B/C373)	1985 to 1989
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Cylinder head - stage 1	Nm	55 to 65
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Cylinder head - stage 2	Nm	—
Cylinder head - stage 3	Nm	—

- stage 4	Nm	—
Pig and bearings	Nm	45

Main bearings	Nm	55 to 65
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Clutch cover	Nm	25
Flywheel [drivenplate]	Nm	50

Front hubs	Nm	250
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Wheel nuts / bolts	Nm	80
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Spark plugs	Nm	–
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Capacities	9 & 11 1.4 (L423/B/C373)	1985 to 1989
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Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	3.4

Automatic transmission - refill litres —

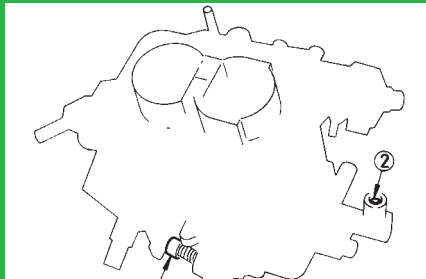
Cooling system	litres	6.0
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Fuel tank	litres	47
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Notes and Illustrations



1: Idle speed 2: CO / Mixture

1397 cm³

Weber 32 DRT