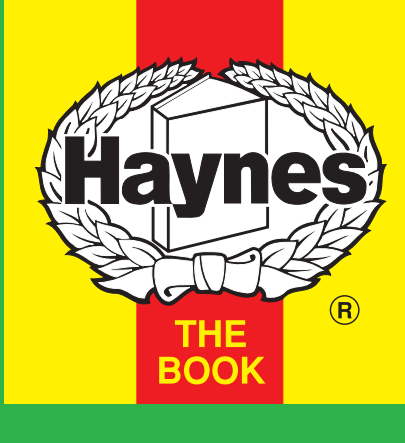




Automotive
Technical
DATA BOOK

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.

MENUHELP

Engine and cooling system

BX 4x4 CAT

1990 to 1993

Type		XU9M (DDZ) 80kW
Capacity (cm³) / number of cylinders		1905 / 4
Compression ratio / pressure	bar	9.18 / _
Oil pressure	bar	[3.5]
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	82
Radiator cap pressure	bar	1.0

Fuel system

BX 4x4 CAT

1990 to 1993

Idle speed - manual [auto]	rpm	800 to 900 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	%	≥10.0
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Solex
Type / ref		Fenix 1B
Main jet / needle		_
Injection pressure	bar	0.8
Pump pressure	bar	0.7 to 0.9
Octane rating	RON	95[U]

Ignition system

BX 4x4 CAT

1990 to 1993

Type		Renix - AEI
Ignition coil		MPA. Bendix. Solex
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	° Crankshaft @ rpm	10 BTDC @ 700
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Vacuum range check	mbar	_
Maximum vacuum advance	° Crankshaft	_
Spark plugs		Eyquem/Champion
Type		FC52LS / C9YCX
Electrode gap	mm	0.80

Electrical system

BX 4x4 CAT

1990 to 1993

Battery	V / CC / RC	12 / 45Ah
Alternator voltage / full load current / engine rpm		13.5 / 50, 80 / 3650
Starter motor current / voltage - cranking	A / V	220 / _
- locked	A / V	310 to 350 / _

Running gear

BX 4x4 CAT

1990 to 1993

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

Tyres		
Saloon	Size	165/70x14: 175/65x14
Estate / Van	Size	165/70x14
Pressure - front / rear - Saloon	bar	2.1 / 2.2
- Estate / Van	bar	2.2 / 2.4

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0 to -3.0
Camber		+1°39'±35'
Castor		0±30'
King pin inclination		+11°58'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+1.6 to 5.0
Camber		-1°±20' N/A

Torque wrench settings

BX 4x4 CAT

1990 to 1993

Cylinder head - stage 1	Nm	60
- stage 2	Nm	Slacken
Cylinder head - stage 3	Nm	20
- stage 4	Nm	+ 300°
Big-end bearings	Nm	50
Main bearings	Nm	53
Clutch cover	Nm	22
Flywheel [driveplate]	Nm	50 LkC
Front hubs	Nm	270
Rear hubs	Nm	270
Wheel nuts / bolts	Nm	70. Alloy: 90
Spark plugs	Nm	25

Capacities

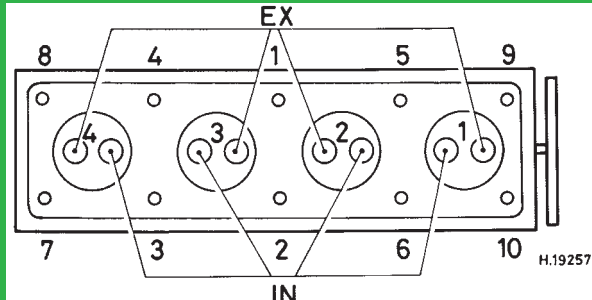
BX 4x4 CAT

1990 to 1993

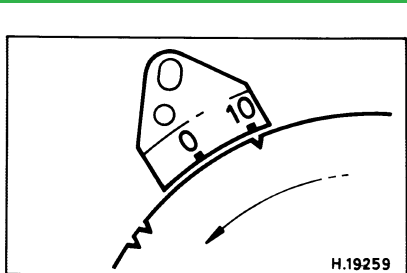
Engine oil & filter	litres	5.0
Gearbox - 4-speed [5-speed]	litres	1.9 ¹
Automatic transmission - refill	litres	_
Final drive	litres	Rear: 1.7
Cooling system	litres	7.0
Fuel tank	litres	66

Notes and Illustrations

¹Transfer box: 1.8



1905 cm³, 8V



1905 cm³, 8V