

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 system205, 1.4 XS, SR, GT1990 to 1992

Type		TU3S (K2A) (62kW)
Capacity (cm³) / number of cylinders		1360 / 4
Compression ratio / pressure	bar	9.3 / _
Oil pressure	bar	1.5 [3.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20
Valve clearance - exhaust	mm	0.40
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	88
Radiator cap pressure	bar	1.0

Fuel system205, 1.4 XS, SR, GT1990 to 1992

Idle speed - manual [auto]	rpm	750±50
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	1.0 to 2.0
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	≥9.0
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Solex
Type / ref		32-34 Z2 409
Main jet / needle		117, 130
Injection pressure	bar	_
Pump pressure	bar	0.25
Octane rating	RON	97[E 95 RON]

Ignition system205, 1.4 XS, SR, GT1990 to 1992

Type		Electronic
Ignition coil		_
Primary resistance	ohms	0.7
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Bosch
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation		Anticlockwise
Ignition timing - basic [static	° Crankshaft @ rpm	4 BTDC @ 750
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	C052-D039
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	8 to 13 @ 1400
	° Crankshaft @ rpm	18 to 22 @ 2200
	° Crankshaft @ rpm	30 to 34 @ 6400
Vacuum range check	mbar	160 to 320
Maximum vacuum advance	° Crankshaft	9 to 12
Spark plugs		Eyquem/Champion
Type		FC58LS / C7YCX
Electrode gap	mm	0.80

Electrical system205, 1.4 XS, SR, GT1990 to 1992

Battery	V / CC / RC	12 / 175 / 60
Alternator voltage / full load current / engine rpm		13.8 to 14.8 / _ / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear205, 1.4 XS, SR, GT1990 to 1992

Brakes -		
Front (min. friction material thickness)	mm	1.0
Rear (min. friction material thickness)	mm	_

Tyres		
Saloon	Size	165/70x13
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	1.8 / 2.0
- Estate / Van	bar	_

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+1.0±0.5 PW
Camber		0±30'
Castor		+3°±30'
King pin inclination		+9°45'±30'

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+1.7±0.8 PW
Camber		-50'±30'

Torque wrench settings205, 1.4 XS, SR, GT1990 to 1992

Cylinder head - stage 1	Nm	20
- stage 2	Nm	+ 240°
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	40
Main bearings	Nm	WSM
Clutch cover	Nm	15
Flywheel [driveplate]	Nm	65 LkC
Front hubs	Nm	265
Rear hubs	Nm	215
Wheel nuts / bolts	Nm	85
Spark plugs	Nm	28

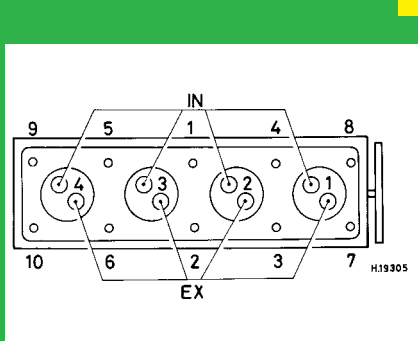
Capacities205, 1.4 XS, SR, GT1990 to 1992

Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	5.8
Fuel tank	litres	50

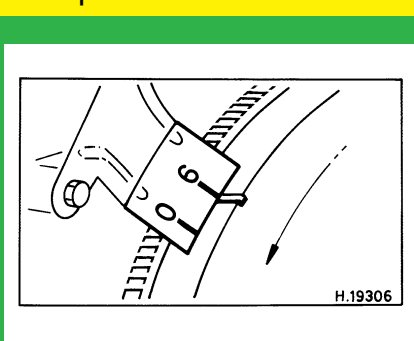
Notes and Illustrations



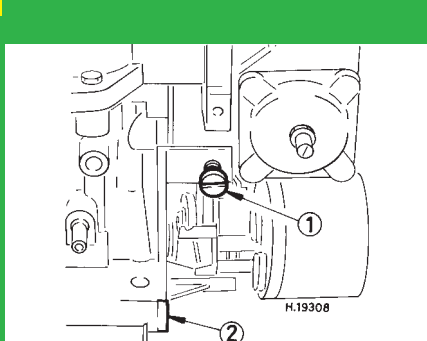
1: Idle speed 2: CO / Mixture



1360 cm³, TU3



1360 cm³, TU3



Solex Z2