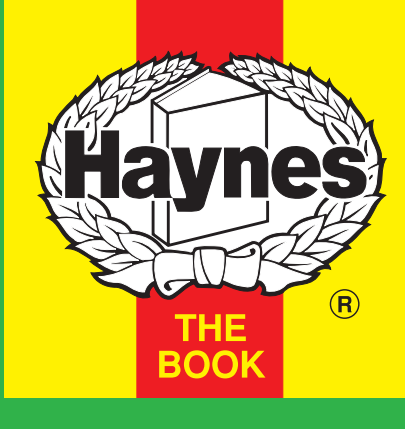


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical
DATA BOOK

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
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Engine and cooling system928 GT1989 to 1990

Type		M28/47
Capacity (cm³) / number of cylinders		4957 / 8
Compression ratio / pressure	bar	10.0 / _
Oil pressure	bar	[5.0]
Oil temperature	°C	80 to 100
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-3-7-2-6-5-4-8
No 1 cylinder position		FR
Thermostat opening temperature	°C	81 to 85
Radiator cap pressure	bar	1.0

Fuel system928 GT1989 to 1990

Idle speed - manual [auto]	rpm	775
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	0.5 to 1.5
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		Bosch
Type / ref		LH-Jetronic
Main jet / needle		_
Injection pressure	bar	_
Pump pressure	bar	3.8±0.2
Octane rating	RON	95[E 95 RON]

Ignition system928 GT1989 to 1990

Type		Computerized
Ignition coil		2x Bosch
Primary resistance	ohms	_
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Bosch
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation		_
Ignition timing - basic [static	° Crankshaft @ rpm	10±2 BTDC @ 700
V = Vacuum NV = No Vacuum		_
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		Bosch/Champion
Type		WR7DC / RN9YCC
Electrode gap	mm	0.80

Electrical system928 GT1989 to 1990

Battery	V / CC / RC	12 / 72Ah
Alternator voltage / full load current / engine rpm		14.0 / _ / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear928 GT1989 to 1990

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	2.0

Tyres		
Saloon	Size	225/50x16: 245/45x16
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.5 / 3.0
- Estate / Van	bar	_

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	[+15'±5']
Camber		-30'±10'
Castor		+3°30'±30'
King pin inclination		_

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	[+10'±5'] PW
Camber		-40'±10'

Torque wrench settings928 GT1989 to 1990

Cylinder head - stage 1	Nm	20 ¹
- stage 2	Nm	50 ¹
Cylinder head - stage 3	Nm	90 ¹
- stage 4	Nm	_
Big-end bearings	Nm	80
Main bearings	Nm	WSM
Clutch cover	Nm	_
Flywheel [driveplate]	Nm	_
Front hubs	Nm	_
Rear hubs	Nm	_
Wheel nuts / bolts	Nm	130
Spark plugs	Nm	30

Capacities928 GT1989 to 1990

Engine oil & filter	litres	7.5
Gearbox - 4-speed [5-speed]	litres	4.5
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	16.0
Fuel tank	litres	86

Notes and Illustrations

¹Gold studs: 20, + 90° + 90°