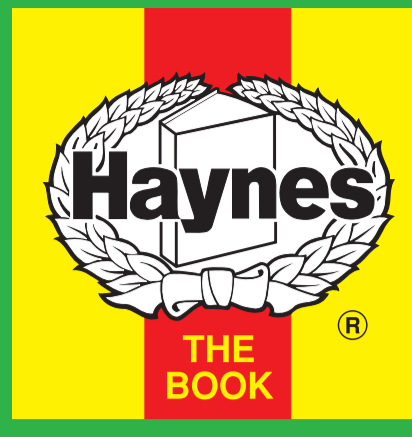


- Engine & Cooling
- Fuel
- Ignition
- Electrical
- Running gear
- Torque settings
- Capacities
- Notes & Illustrations



## 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 Neon 2.0i 1996 to 1997

Type	SOHC 16V 98kW	
Capacity (cm <sup>3</sup> ) / number of cylinders	1996 / 4	
Compression ratio / pressure	bar	9.8 / ≥11.7
Oil pressure	bar	0.25 [1.7 to 5.5]
Oil temperature	°C	85
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	1-3-4-2	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	88 to 93
Radiator cap pressure	bar	0.98 to 1.20

### Fuel system Neon 2.0i 1996 to 1997

Idle speed - manual [auto]	rpm	Refer to vehicle
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	—
HC @ idle speed [3000 rpm] - see page VI	ppm	—
CO <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	—
O <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection	—	
Type / ref	MPI	
Main jet / needle	—	
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	95[U]

### Ignition system Neon 2.0i 1996 to 1997

Type	—	
Ignition coil	Weastec	
Primary resistance	ohms	0.45 to 0.65
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	Refer to vehicle
V = Vacuum    NV = No Vacuum	—	
Total ignition advance	° Crankshaft @ rpm	Computer control
	° 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	_/Champion	
Type	RC9YC	
Electrode gap	mm	0.84 to 0.97

### Electrical system Neon 2.0i 1996 to 1997

Battery	V / CC / RC	12 / 450 / 85
Alternator voltage / full load current / engine rpm	12 / 75 / _	
Starter motor current / voltage - cranking	A / V	150 to 280 / _
- locked	A / V	—

### Running gear Neon 2.0i 1996 to 1997

<b>Brakes -</b>		
Front (min. friction material thickness)	mm	—
Rear (min. friction material thickness)	mm	—
<b>Tyres</b>		
Saloon	Size	—
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.4 / 2.4
- Estate / Van	bar	—
<b>Front suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	[+0.1°±0.2°]
Camber	0±0.4°	
Castor	2.8°±1°	
King pin inclination	—	
<b>Rear suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	[+0.1±0.2°]
Camber	-0.25°±0.5°	

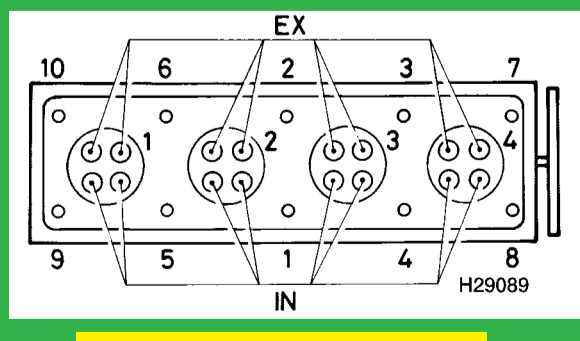
### Torque wrench settings Neon 2.0i 1996 to 1997

Cylinder head - stage 1	Nm	34
- stage 2	Nm	68
Cylinder head - stage 3	Nm	68
- stage 4	Nm	+ 90°
Big-end bearings	Nm	27 + 90°
Main bearings	Nm	M11: 81. M8: 30
Clutch cover	Nm	28
Flywheel [driveplate]	Nm	95
Front hubs	Nm	183
Rear hubs	Nm	216
Wheel nuts / bolts	Nm	109 to 150
Spark plugs	Nm	28

### Capacities Neon 2.0i 1996 to 1997

Engine oil & filter	litres	4.25
Gearbox - 4-speed [5-speed]	litres	1.9 to 2.2
Automatic transmission - refill	litres	8.4 to 8.7
Final drive	litres	WT
Cooling system	litres	6.0
Fuel tank	litres	47.3

### Notes and Illustrations



1996 cm<sup>3</sup> 16V