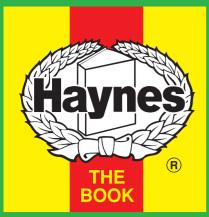
KIA					
Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings



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.

HELP

Sportage 2.0i

1995 to 1997

Capacities

Notes & Illustrations

MENU

Engine and cooling system		Sportage 2.0i	1995 to 1997
Туре		FE SOHC 8V	
Capacity (cm ³) / number of cylinders		1998 / 4	
Compression ratio / pressure	bar	8.6 / ≥8.1	
Oil pressure	bar	[3.5 to 4.5]	
Oil temperature	°C	80	
Valve clearance - inlet	mm	0.30	
Valve clearance - exhaust	mm	0.30	
Firing order		1-3-4-2	
No 1 cylinder position		TBE	
Thermostat opening temperature	°C	83.5 to 86.5	
Radiator cap pressure	bar	0.75 to 1.03	
Fuel system		Sportage 2.0i	1995 to 1997
Idle speed - manual [auto]	rpm	800±50 N/A	
Fast idle speed - manual [auto]	rpm	_	
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5	
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200	
CO2 @ idle speed [3000 rpm] - see page VI	%	_	
O2 @ idle speed [3000 rpm] - see page VI	%	_	
Carburettor / fuel injection		_	
Type / ref		SMFI MPI	
Main jet / needle		_	
Injection pressure	bar	3.0	
Pump pressure	bar	_	
Octane rating	RON	95[U]	
Ignition system		Sportage 2.0i	1995 to 1997
Туре		Computerized	
Ignition coll			

Ignition coll		_	
Primary resistance	ohms	0.55 to 0.66	

Ballast resistor		ohms	_	
Voltage - Tmnl 15(+) to earth		V	_	
Distributor			_	
Points gap (air gap) Dwell angle		mm ° (%)	-	
Condenser capacity		μF	-	
Rotation		pi	_	
Ignition timing - basic [static	° Crankshaft	@ rpm	4±6 BTDC @ 800±50 W	/SM
V = Vacuum NV = No Vacuur			_	
Total ignition advance	° Crankshaft	•	Computer control	
	^o Crankshaft		_	
Centrifugal check.	 ° Crankshaft ° Crankshaft 		Computer control	
Continugar check.	° Crankshaft		_	
	° Crankshaft		_	
Vacuum range check		mbar	Computer control	
Maximum vacuum advance	° Cran	kshaft		
Spark plugs			NGK BKR5E	
Type Electrode gap		mm	0.70 to 0.80	
Electrical system			Sportage 2.0i	1995 to 1997
Battery		C / RC	12 / 48Ah	
Alternator voltage / full load current	v .	A / \/	-	
Starter motor current / voltage - cra - loc	-	A / V A / V	-	
	.Keu	A / V	_	
Running gear			Sportage 2.0i	1995 to 1997
Brakes -	·			
Front (min. friction material thic	•	mm	2.0	
Rear (min. friction material thic	kness)	mm	1.5	
Tyres Saloon		Size		
Estate / Van		Size	_ 205/70x15	
Pressure - front / rear - Saloon		bar	_	
- Estate	/ Van	bar	1.8 / 1.8	
Front suspension / wheel alignme		[0]		
Toe-in (+) / Toe-out (–) Camber		mm [º]	+2.5±2.5 +0.44°±0.50°	
Castor			+3°58′±0.5°	
King pin inclination			_	
Rear suspension / wheel alignme	nt			
Toe-in (+) / Toe-out (–)		mm [°]	_	
Camber			_	
Torque wrench settings			Sportage 2.0i	1995 to 1997
Cylinder head - stage 1		Nm	40 oiled	
- stage 2		Nm	80 to 86	
Cylinder head - stage 3		Nm	_	
- stage 4		Nm	-	
Big-end bearings		Nm	65 to 69 82 to 88	
Main bearings Clutch cover		Nm Nm	18 to 27	
Flywheel [driveplate]		Nm	96 to 103	
Front hubs Nm			WSM	
Rear hubs Nm			WSM	
Wheel nuts / bolts		Nm	88 to 108	
Spark plugs		Nm	15 to 23	
Capacities			Sportage 2.0i	1995 to 1997
Engine oil & filter		litres	3.9	
Gearbox - 4-speed [5-speed]		litres	1.25. Transfer: 1.3	
Automatic transmission - refill		litres	6.8	
		litres	Front: 1.2. Rear: 1.2	
Cooling system Fuel tank		litres litres	7.5 60. 2D: 57	
		11105	00.20.01	

Notes and Illustrations



