## HYUNDAI

Sonata 2.0 16V

1992 to 1997

Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
		A	utomot echnica	tive			
			DA	A	_	Click on o buttons abo data for th	ove to view
	THE BOOK BOOK					return to this screen and make another choice, click anywhere on the	
						data so	
Engine a	nd coo	lina svs	tem		Sonata		992 to 1997
Type Capacity (cm					DOHC 16V 9 1997 / 4		//2 (0 1///
Compression Oil pressure Oil temperation	·	essure		bar bar °C	10.0 / _ 0.75		
Valve clearar	nce - inlet	ıst		mm mm	– 0: Hyd. 0: Hyd.		
Firing order No 1 cylinder Thermostat of	•	nperature		°C	1-3-4-2 TBE 88		
Radiator cap	pressure			bar	0.76 to 1.04 Sonata	2.0 16V 1	992 to 1997
Idle speed - Fast idle spe	manual [au			rpm rpm	750±100 –		
CO @ idle sp HC @ idle sp CO2 @ idle s	eed [3000	rpm] - see	page VI	% ppm %	≤0.2 N/A ≤50		
O2 @ idle sp Carburettor /	eed [3000 fuel inject	rpm] - see		%	– Hyundai		
Type / re Main jet Injection				bar	MPFI 		
Pump pressu Octane rating	ire			bar RON	3.2 to 3.4 95[U]		
Ignition s Type	system				Sonata Computerize		992 to 1997
Ignition coil Primary Ballast re	resistance			ohms ohms	_ 0.80±0.08		
Voltage - Distributor	- Tmnl 15(+			V	-		
Dwell an	ap (air gap <mark>gle</mark> ser capacit			mm ° (%) μF	-		
Rotation Ignition timin	g - basic [s	static = No Vacuu	° Crankshaf	·	Clockwise 5±2 BTDC @	750±100	
Total ignition			<ul> <li>° Crankshaf</li> <li>° Crankshaf</li> </ul>	t @ rpm	Computer co	ontrol	
Centrifuç	gal check.		<ul> <li>° Crankshaf</li> <li>° Crankshaf</li> <li>° Crankshaf</li> </ul>	t @ rpm	Computer co	ontrol	
	range che		° Crankshaf	t @ rpm mbar	Computer co	ontrol	
Spark plugs Type	ium vacuur	m advance	° Ch	ankshaft	– NGK/Champ BPR6ES-11		
Electrod	0.	n		mm	1.00 to 1.10 Sonata	2.0 16V 1	992 to 1997
Battery Alternator vo	Itage / full	load currer	nt / engine rpn		12 / 60Ah 14.1 to 14.7	/ 75 / 3000	
Starter moto		•	cked	A / V A / V	_		
Running Brakes - Eront (m		material thi	cknose)	mm	Sonata	2.0 16V 1	992 to 1997
Rear (mi <b>Tyres</b>		material thic		mm	1.5		
Saloon Estate / Pressure		ear - Saloor	ı	Size Size bar	195/70x14: 2 _ 2.1 / 2.1	205/60x15	
Front suspe		-		bar	- 0±3.0		
Camber Castor	) / Toe-out	()		mm [º]	0±30' +2°40'±30'		
Rear susper	inclination <b>sion / wh</b> ) / Toe-out	eel alignm	ent	mm [º]	+13°31′ +3.0±2.0		
Camber				[]	-30'±30'	2.0 16V 1	002 to 1007
Cylinder hea				Nm Nm	35 100 to 110	<u> iov i</u>	
Cylinder hea Big-end bear	d - stage 3 - stage 4			Nm Nm Nm	- 50 to 53		
Main bearing Clutch cover	IS			Nm Nm	65 to 70 15 to 22		
Flywheel [driv Front hubs Rear hubs	veplate]			Nm Nm Nm	130 to 140 196 to 255 196 to 255		
Wheel nuts / Spark plugs	bolts			Nm Nm	88 to 108 20 to 30		
Capacitie				litres	Sonata 3.7	<mark>2.0 16V 1</mark>	992 to 1997
Gearbox - 4- Automatic tra Final drive	speed [5-s			litres litres litres	1.8 4.5 WT		
Cooling syste Fuel tank	em			litres	7.3 65		
Notos a							

## **Notes and Illustrations**