## **AUDI**

A3, 1.6

1996 to 1997

						1990	to 1997
Engine &	Fuel	Ignition	Electrical	Running	Torque	Capacities	Notes &
Cooling				gear	settings		Illustrations
	<b>THE</b>		utomo echnic	al	-	Click on o buttons abo data for th return to this	ove to view is car. To screen and
воок					make another choice, click anywhere on the		
						data so	
						MENU	HELP
Engine a	nd coo	ling sys	tem			A3, 1.6 1	996 to 1997
Туре					AEH SOHC 8		
Capacity (cm			rs	bar	1598 / 4		
Compression Oil pressure		essure		bar	10.2 / _ 2.0 [4.0 to 4.	5]	
Oil temperatu Valve clearan				°C	80		
Valve clearan		ust		mm mm	0: Hyd. 0: Hyd.		
Firing order No 1 cylinder	position				1-3-4-2 TBE		
Thermostat o	•	mperature		°C	87		
Radiator cap	pressure			bar	1.20		
Fuel syst	em					A3, 1.6 1	996 to 1997
Idle speed - r				rpm	760 to 880		
Fast idle spee CO @ idle spe			page VI	rpm %	_ ≤0.3 N/A		
HC @ idle spe	eed [3000	rpm] - see	page VI	ppm	≤200		
CO2 @ idle spectrum CO2 @ idle spectrum content conten	-			%			
Carburettor /	fuel inject	•			_Volkswagen		
Type / ref Main jet /					Simos MPI		
Injection	pressure			bar	2.5		
Pump pressu Octane rating				bar RON	_ 95[U]		
Ignition s						A3, 1.6 1	996 to 1997
Type	ystern				Simos	A3, 1.0 I	770 10 1777
Ignition coil				- <b>b</b>	_		
Ballast re	esistance esistor			ohms ohms	_		
•	Tmnl 15(-	+) to earth		V	_		
Distributor Points ga	ap (air gap	))		mm	_		
Dwell ang	gle			° (%)	_		
Rotation	er capacit	ty		μF	_		
Ignition timing			° Cranksha	aft @ rpm	Computer co	ontrol	
V = Vacu Total ignition		No Vacuu	m ° Cranksha	aft @ rpm	_ Computer co	ontrol	
Ŭ			<sup>o</sup> Cranksha		_		
Centrifug	al check.		<ul> <li>° Cranksha</li> <li>° Cranksha</li> </ul>		Computer co	ontrol	
			<ul> <li>° Cranksha</li> <li>° Cranksha</li> </ul>	•	_		
Vacuum i	range che	ck	CIAIRSII	mbar	_ Computer co	ontrol	
Maximi Spark plugs	um vacuu	m advance	° Ci	rankshaft	_ NGK		
Туре					BKUR6ET-10		
Electrode	e gap			mm	-		
<b>Electrica</b>	<mark>l syste</mark> i	m				A3, 1.6 1	996 to 1997
Battery Alternator vol	tage / full	load curren		CC / RC	_		
Starter motor	•	voltage - cr	anking	A / V	_		
		- lo	cked	A / V	-		
Running	gear					A3, 1.6 1	996 to 1997
Brakes - Front (mi	n. friction	material thi	ckness)	mm	7.0 with back	kina	
Rear (mir		material thic		mm	7.0 with back	•	
Tyres Saloon				Size			
Estate / \				Size	_		
Pressure	- front / re	ear - Saloor - Estate		bar bar	_		
Front susper		neel alignm					
Toe-in (+) Camber	) / Toe-out	t (—)		mm [º]	_		
Castor					_		
King pin Rear suspen	inclination sion / wh		ent		_		
Toe-in (+)	) / Toe-out	•		mm [°]	_		
Camber					-		
Torque w		J		Nime	40 N	A3, 1.6 1	996 to 1997
Cylinder head	1 - stage 1 - stage 2			Nm Nm	40 N + 90°		
Cylinder head	- stage 3	3		Nm	+ 90°		
Big-end beari	- stage 4 ings	T		Nm Nm	_ 30 + 90° oile	d N	
Main bearings				Nm	40 + 90° N		
Clutch cover Flywheel [driv	veplate]			Nm Nm	_ 60 + 90° N		
Front hubs				Nm	_		
Rear hubs Wheel nuts /	bolts			Nm Nm	_ 120		
Spark plugs				Nm	_		
<b>Capacitie</b>	S					A3, 1.6 1	996 to 1997
Engine oil & f				litres	-		
Gearbox - 4-s Automatic tra	-			litres litres	1.9 5.3		
Final drive				litres	WT. AT: 0.75		
Cooling syste Fuel tank	em			litres litres	5.0		

## Notes and Illustrations



