## **AUDI**

A8, 3.7

1995 to 1997

						1775	to 1997
Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
	<b>yne</b> THE	Te	utomot echnica	al		Click on o buttons abo data for th return to this	ove to view lis car. To screen and
	BOOK					make anoth click anywh	ere on the
						data so	creen.
						MENU	HELP
Engine ar	nd coo	ling syst	tem			A8, 3.7 1	995 to 1997
Туре					AEW DOHC		
Capacity (cm <sup>3</sup> Compression			rs	bar	3697 / 8 10.8 / ≥7.5		
Oil pressure Oil temperatu	re			bar °C	1.0 to 2.5 [3. 80	0 to 5.0]	
Valve clearand	ce - inlet	ıst		mm mm	0: Hyd.		
Firing order		JSI			0: Hyd. 1-5-4-8-6-3-	7-2	
No 1 cylinder Thermostat o	•	mperature		°C	PER 87 to 102		
Radiator cap	pressure			bar	1.2 to 1.5		
Fuel syste		utol		F10 100	720 to 000 t	<mark>A8, 3.7 1</mark>	995 to 1997
Idle speed - n Fast idle spee	ed - manu	al [auto]		rpm rpm	720 to 800 N		
CO @ idle spe HC @ idle spe		•		% ppm	≤0.5 ≤200		
CO2 @ idle spectrum O2 @ idle spectrum	beed [300	0 rpm] - see	e page VI	% %	_		
Carburettor /	fuel inject			70	_ _Bosch		
Type / ref Main jet /	needle				Motronic –		
Injection Pump pressur	•			bar bar	3.0 to 3.6 4.2		
Octane rating				RON	95[U]		
Ignition s	ystem						995 to 1997
Type Ignition coil					Direct electro	DNIC	
Primary re Ballast re				ohms ohms	_		
		+) to earth		V	_		
Points ga	p (air gap	)		mm	_		
Dwell and Condense	gle er capacit	ţ		° (%) µF	_		
Rotation Ignition timing	·		° Crankshaf		_ Computer co	ontrol N/A	
V = Vacu	um NV :	= No Vacuu	m		_ Computer co		
Total ignition a	auvance		<ul> <li>° Crankshaf</li> <li>° Crankshaf</li> </ul>	t @ rpm	–	JIIIO	
Centrifug	al check.		<ul> <li>° Crankshaf</li> <li>° Crankshaf</li> </ul>	t @ rpm	Computer co	ontrol	
			<ul> <li><sup>o</sup> Crankshaf</li> <li><sup>o</sup> Crankshaf</li> </ul>		_		
	ange che	ck m advance		mbar	Computer co	ontrol	
Spark plugs			CIE	Inkshan	– NGK		
Type Electrode	e gap			mm	BUR6-EFSZ		
<b>Electrical</b>	syster	m				A8, 3.7 1	995 to 1997
Battery Alternator vol	tage / full	load curren		CC / RC	_		
Starter motor	•	voltage - cr	<b>.</b> .	A / V A / V	_		
Running	gear	- 101	Shou		-	A8, 3.7 1	995 to 1997
Brakes -					0.5		
		material thic material thic		mm mm	3.0 7.0 with back	king	
<b>Tyres</b> Saloon				Size	225/60x16: 2	25/55x17	
Estate / V		ear - Saloor		Size	2.2 / 2.2		
		- Estate	/ Van	bar			
	ision / wh / Toe-out	-	ent	mm [°]	[+15'±5'] PW		
Camber Castor					-30'±30' PW		
King pin i Rear suspens	inclination		- <b>n</b> t		_		
Toe-in (+)	/ Toe-out	•		mm [º]	[+6'±5'] PW		
Camber Torque w	rench	settings			-40'±30' PW	A8, 3.7 1	995 to 1997
Cylinder head	I - stage 1			Nm	40 N	NO, 3.7 I	//3 10 1997
Cylinder head	- stage 2 - stage 3			Nm Nm	60 +90°		
Big-end beari	- stage 4			Nm Nm	+90°		
Main bearings Clutch cover	-			Nm	_		
Flywheel [driv	eplate]			Nm Nm	- 85 LkC N		
Front hubs Rear hubs				Nm Nm	200 + 90° 200 + 90°		
Wheel nuts / I Spark plugs	bolts			Nm Nm	120 30		
Capacitie	S					A8, 3.7 1	995 to 1997
Engine oil & fi	lter	17		litres	7.5		
Gearbox - 4-s Automatic tra				litres litres	 3.0		
Final drive Cooling syste				litres litres	Front: 0.7. R 9.0	ear: 1.5	
Fuel tank				litres	90		
Notos an							

## **Notes and Illustrations**



