

Explorer 4.0

1997

	4					A.	1997
Engine & Cooling	Fuel	Ignition	Electrical	Running	Torque settings	Capacities	Notes & Illustrations
cooling				gear	settings		mustrations
		A	utomo	otive			
			echnic	al			
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Engine ar	nd cool	ina sys	tem		Fxr	olorer 4.0	1997
Type					E SOHC 12		1777
Capacity (cm ³			ers		4011 / 6		
Compression Oil pressure	ratio / pre	ssure		bar bar	9.7 / _		
Oil temperatu				°C	_		
Valve clearance		ict		mm mm	_		
Firing order		151			_ 1-4-2-5-3-6)	
No 1 cylinder	•	pporst		00	_		
Thermostat or Radiator cap	0	nperature		°C bar	_		
					-	olorer 4.0	1007
Fuel syste		tol		rnm	Ext	olorer 4.0	1997
Fast idle spee	ed - manua	al [auto]		rpm rpm	_		
CO @ idle spe	ed [3000	rpm] - see		%	_		
HC @ idle spectrum CO2 @ idle sp		•		ppm %	_		
O2 @ idle spe	ed [3000 i	rpm] - see		%	_		
Carburettor / Type / ref	-	on			EEC V SEFI		
Main jet /					-		
Injection	pressure			bar	_		
Pump pressur Octane rating	e			bar RON	_ 91[U]		
Ignition s	vstem					oloror 4.0	1007
Type	J 31011				EEC V	blorer 4.0	1997
Ignition coil					_		
Primary re Ballast re				ohms ohms	_		
	sistor Tmnl 15(+) to earth		onms V	_		
Distributor					_		
Points ga Dwell ang	p (air gap) ile)		mm ° (%)	-		
Condense	er capacity	у		μF	_		
Rotation Ignition timing	L- hasio la	static	⁰ Crankch	aft @ rpm	_		
		= No Vacuu		art e tpill	_		
Total ignition a			^o Cranksh	aft @ rpm	_		
				aft @ rpm aft @ rpm	_		
Centrifuga	al check.		^o Cranksh	aft @ rpm	_		
				aft @ rpm aft @ rpm	-		
	ange cheo			mbar	_		
	um vacuur	m advance	° (Crankshaft	_		
Spark plugs Type					_		
Electrode	gap			mm	_		
Electrical	syster	n			Exp	olorer 4.0	1997
Battery				/ CC / RC	_		
Alternator volt	•		• •		_		
Starter motor	current / \	•	cked	A / V A / V	_		
Running g	Jear				Eve	olorer 4.0	1997
Brakes -	ycai				EX	blorer 4.0	1997
	n. friction r	material thi	ckness)	mm	_		
Rear (min		naterial thic	•	mm	_		
Tyres Saloon				Size			
Estate / V				Size	225/70x16		
Pressure	- front / re	ar - Saloor - Estate		bar bar	_		
Front suspen		eel alignm					
Toe-in (+) Camber	/ Toe-out	(–)		mm [º]	_		
Camper					_		
	nclination		ont		_		
Rear suspens Toe-in (+)	sion / whe / Toe-out	•	ent	mm [º]	_		
Camber					_		
Torque w	rench s	settings			Exp	olorer 4.0	1997
Cylinder head	- stage 1			Nm	_		
Cylinder head	- stage 2			Nm Nm	_		
	- stage 3			Nm	_		
Big-end bearing	ngs			Nm	_		
Main bearings Clutch cover	5			Nm Nm	_		
Flywheel [driv	eplate]			Nm	_		
Front hubs Rear hubs				Nm Nm	_		
Wheel nuts / k	oolts			Nm	_		

Wheel nuts / bolts	Nm	_		
Spark plugs	Nm	_		
Capacities			Explorer 4.0	1997
Engine oil & filter	litres	_		
Gearbox - 4-speed [5-speed]	litres	_		
Automatic transmission - refill	litres	_		
Final drive	litres	_		
Cooling system	litres	_		
Fuel tank	litres	_		

Notes and Illustrations