## RENAULT

19, 1.8i CAT (X53Y)

1992 to 1996

Engine & Cooling	Fuel	Ignition	Electrical	Running	Torque	Capacities	Notes & Illustrations
Cooling				gear	settings		musuations
		A	utomo	tive			
	Vnc						
			JA	IA		Click on c buttons abo	ove to view
	THE	R	R	$\bigcirc K$		data for th return to this make anoth	screen and
	DOOR					click anywh	ere on the
						MENU	HELP
Engine a	nd coo	<mark>ling sys</mark>	tem		19, 1.8i CA	<mark>r (X53Y) 1</mark>	992 to 1996
Type Capacity (cm			ers	la en	F3P-7-04/05/	/06/07	
Compression Oil pressure Oil temperatu		essure		bar bar °C	9.7 / _ 2.0 [3.5] 80		
Valve clearan	ce - inlet	ust		mm mm	0.20 0.40		
Firing order No 1 cylinder	position				1-3-4-2 FE		
Thermostat o Radiator cap		mperature		°C bar	89 1.2		
Fuel syst		uto]		rpm	<b>19</b> , <b>1.8i CA</b> 750±50 N/A	<mark>r (X53Y) 1</mark>	<mark>992 to 1996</mark>
Fast idle spee CO @ idle spe	eed [3000	rpm] - see		rpm %	_ ≤0.3 N/A		
HC @ idle spe CO2 @ idle sp	peed [300	0 rpm] - se	e page VI	ppm %	≤200 ≥14.5		
O2 @ idle spe Carburettor / Type / ref	fuel inject	•		%	_ Siemens Ber Bosch Mono		
Main jet / Injection	/ needle			bar	1.06±0.05		
Pump pressu Octane rating				bar RON	1.06±0.1 95[U]		
<mark>Ignition s</mark> Type	<mark>system</mark>				<b>19</b> , <b>1.8i CA</b> Computerize	<mark>r (X53Y) 1</mark> d	992 to 1996
Ignition coil	esistance			ohms	Renix 0.4 to 0.8	G	
Ballast re Voltage -	esistor	+) to earth		ohms V	_		
	ap (air gap	)		mm ° (%)	_		
Dwell and Condens Rotation	er capacit	ty		μF	_		
Ignition timing V = Vacu		static = No Vacuu	° Cranksha m	ft @ rpm	Computer co	ontrol	
Total ignition	advance		<ul> <li>° Cranksha</li> <li>° Cranksha</li> <li>° Cranksha</li> </ul>	ft @ rpm	_		
Centrifug	al check.		<ul> <li><sup>o</sup> Cranksha</li> <li><sup>o</sup> Cranksha</li> <li><sup>o</sup> Cranksha</li> </ul>	ft @ rpm	Computer co	ontrol	
Vacuum	range che	ck	° Cranksha	ft @ rpm mbar	_ Computer co	ontrol	
Spark plugs	um vacuu	m advance	° Cr	ankshaft	– Bosch W7DC		
Type Electrode				mm	0.90±0.05		
Electrica Battery	<mark>l syste</mark> i	m	V /	CC / RC	<b>19</b> , <b>1.8i CA</b> 1 12 / 50Ah	Г (X53Y) 1	992 to 1996
Alternator vol Starter motor	•	voltage - cr	anking	A / V	13.5 to 15.0		
Running	gear	- 10	cked	A / V	350 to 460 / <b>19</b> , <b>1.8i CA</b>	– <mark>F (X53Y) 1</mark>	992 to 1996
•		material thi	•	mm	6.0 with back	king	
Rear (mir <b>Tyres</b> Saloon	n. Triction I	material thio	ckness)	mm Size	2.5 <sup>1</sup> 175/70x13: 1	75/65x14	
Estate / \		ear - Saloor	١	Size bar	2.0 / 2.2		
Front susper		-		bar	-		
Toe-in (+) Camber Castor	) / Toe-out	L (—)		mm [º]	-1.0±1.0 -5'±30' +1°55'. PAS:	+4°	
	inclination sion / wh		ent		+1 55 PAS. +12°55′±30′		
	) / Toe-out	•		mm [º]	+1.0 to 3.0 -50'±30'		
Torque w		<b>~</b>	;	Nm	<mark>19, 1.8i CA</mark> T 30	<mark>「 (X53Y)  1</mark>	992 to 1996
Cylinder head	- stage 2	2		Nm Nm	70 Wait 3 mins.	Slacken	
Big-end bear	- stage 4 ings			Nm Nm	20 + 123±2° 45 to 50		
Main bearings Clutch cover Flywheel [driv				Nm Nm Nm	60 to 65 25 50 to 55		
Front hubs Rear hubs	opiatoj			Nm	250 160		
Wheel nuts / Spark plugs	bolts			Nm Nm	80 -		
Capacitie Engine oil & f				litres	<b>19, 1.8i CA</b> 5.5	<mark>Г (X53Y) 1</mark>	<mark>992 to 1996</mark>
Gearbox - 4-s Automatic tra	speed [5-s			litres	3.4       3.5		
Final drive Cooling syste				litres litres	AT: 1.0 6.5		
Fuel tank				litres	55		

## **Notes and Illustrations**

<sup>1</sup>Discs: 5.0 with backing

