ALFA ROMEO

33, 1.5

1990 to 1992

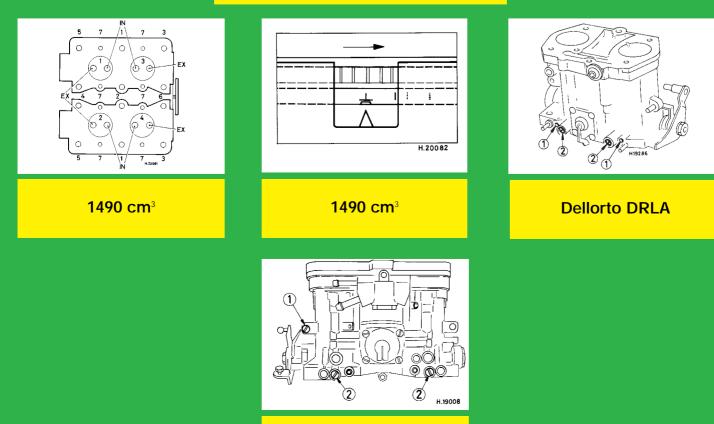
Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
	1975 - 1200	A	utomot echnica	tive			
	vne						
					-	Click on c buttons abo data for th	ove to view
	THE BOOK	R	30	OK		return to this make anoth click anywh	screen and her choice,
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_	_					MENU	HELP
Engine al Type					307.34 SOH0	•	990 to 1992
Capacity (cm Compression Oil pressure		-	rs	bar bar	1490 / 4 9.5 / 10.3 1.2 to 2.8		
Oil temperatu Valve clearan	ce - inlet			°C mm	90 0.35 to 0.40		
Valve clearan Firing order No 1 cylinder		JST		mm	0.45 to 0.50 1-3-2-4 FR		
Thermostat o Radiator cap	pening ter	mperature		°C bar	84 to 88 0.9 to 1.1		
Fuel system Idle speed - r		uto]		rpm	850 to 1000	<mark>33, 1.5 1</mark>	990 to 1992
Fast idle spee CO @ idle spe	ed - manu eed [3000	al [auto] rpm] - see		rpm %	_ ≤0.5		
HC @ idle spe CO2 @ idle spe O2 @ idle spe	oeed [300	0 rpm] - see	e page VI	ppm % %	≤300 		
Carburettor / Type / ref	fuel inject	•			Weber/Dellor W: 2x40IDF8		40FD/S
Main jet / Injection Pump pressu	pressure			bar bar	135 _ 0.18 to 0.30		
Octane rating				RON	98[E 95 RON	-	990 to 1992
Type Ignition coil	ystern				Electronic Bosch	33, 1.3 I	770 10 1772
Primary r Ballast re				ohms ohms	0.7 to 1.0		
Distributor	Tmnl 15(- p (air gap	+) to earth		V	12.0 [0.40 to 0.50]		
Dwell and Condens				° (%) µF			
Rotation Ignition timing V = Vacu		static = No Vacuu	° Crankshaf	t @ rpm	Clockwise 8±1 BTDC @ NV	900 (1st mai	⁻ k)
Total ignition			 ° Crankshaf ° Crankshaf 	t @ rpm	34 BTDC @ 4	1500 (2nd ma	ırk)
Centrifug	al check.		 ° Crankshaf ° Crankshaf ° Crankshaf 	t @ rpm	- 0 @ 500 to 60 19 to 24 @ 30		
	range che		° Crankshaf	t @ rpm mbar	22 to 26 @ 60 150 to 400		
Maxim Spark plugs Type	um vacuu	m advance	° Cra	ankshaft	11 to 15 Champion N6YCC		
Electrode	0.	~		mm	0.80		000 4- 1000
Electrical Battery Alternator vol				CC / RC	12 / 255 / 50 14.0 / 55 / 40	Ah	990 to 1992
Starter motor	•	voltage - cr	. .	A / V A / V	300 / 9.0 400 / 5.0		
Running Brakes -	gear					<mark>33, 1.5 1</mark>	990 to 1992
Front (mi		material thi material thic		mm mm	7.0 with back 0.50. Discs: 6	•	
Tyres Saloon Estate / \	/an			Size Size	175/70x13: 1	85/60x14	
		ear - Saloor - Estate		bar bar	_ 1.8 / 1.8 _		
Front susper Toe-in (+) Camber	nsion / wh / Toe-out	-	ient	mm [º]	-4.0±2.0 +1°14'±30'		
Castor King pin	inclination				+2°±30′		
Rear suspen Toe-in (+) Camber	sion / wh / Toe-out	-	ent	mm [º]	[0±25'] 0±25'		
Torque w		•				<mark>33, 1.5 1</mark>	990 to 1992
Cylinder head	- stage 2	2		Nm Nm Nm	29 oiled 58 81 to 87		
Big-end beari	- stage 4 ngs			Nm Nm	81 to 87 ¹ 43 to 48		
Main bearings Clutch cover Flywheel [driv				Nm Nm Nm	66 to 73 oiled 15 to 23 94 to 105 oile		
Front hubs Rear hubs	•			Nm Nm	427 to 472 WSM ³		
Wheel nuts / Spark plugs				Nm Nm	88 to 108 25 to 34		
Capacitie Engine oil & f	ilter			litres	4.0	33, 1.5 1	990 to 1992
Gearbox - 4-s Automatic tra Final drive				litres litres litres	2.6 WT		
Cooling syste Fuel tank	m			litres	7.8 50		
Notos an							

Notes and Illustrations

¹Warm engine, cool, slacken, oil, and retorque bolts in sequence shown to stage 4. No.7: 20 to 24 ²Transverse screws: 40 to 49

³Disc brakes: 250 to 300





Weber 40 IDF