ALFA ROMEO

155, Cloverleaf 4 CAT

1992 to 1995

Engine & Fuel Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Havnes					
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Engine and cooling sys Type	tem		1 <mark>55, Cloverlea</mark> DOHC 16V 1		<mark>992 to 1995</mark>
Capacity (cm ³) / number of cylinde Compression ratio / pressure Oil pressure	ers	bar bar	1995 / 4 8.0 / _		
Oil temperature Valve clearance - inlet		°C mm	1.5 [5.0] 90 0.40		
Valve clearance - exhaust Firing order		mm	0.50 1-3-4-2		
No 1 cylinder position Thermostat opening temperature Radiator cap pressure		°C bar	F 87±2 0.98±0.1		
Fuel system			155, Cloverlea	<mark>f 4 CAT 1</mark>	992 to 1995
Idle speed - manual [auto] Fast idle speed - manual [auto] CO @ idle speed [3000 rpm] - see	page VI	rpm rpm %	840±50 		
HC @ idle speed [3000 rpm] - see CO2 @ idle speed [3000 rpm] - se	page VI e page VI	ppm %	≤100 -		
O2 @ idle speed [3000 rpm] - see Carburettor / fuel injection Type / ref	page VI	%	– Weber-Marell P8 IAW MPI		
Main jet / needle Injection pressure		bar	_		
Pump pressure Octane rating		bar RON	2.8 to 3.2 95[U]		
Ignition system Type		· · · · · · · · · · · · · · · · · · ·	<mark>155, Cloverlea</mark> IAW	f 4 CAT 1	992 to 1995
Ignition coil Primary resistance Ballast resistor		ohms ohms	2xBosch 0.50		
Voltage - Tmnl 15(+) to earth Distributor		V	– – Bosch		
Points gap (air gap) Dwell angle		mm ° (%)	_		
Condenser capacity Rotation Ignition timing - basic [static	° Crankshaft	μF @ rpm	Clockwise Computer co	ntrol N/A	
V = Vacuum NV = No Vacuu Total ignition advance	° Crankshaft	•	_		
Centrifugal check.	 ° Crankshaft ° Crankshaft ° Crankshaft 	@ rpm	– – Computer co	ntrol	
	 ° Crankshaft ° Crankshaft 	@ rpm @ rpm	_		
Vacuum range check Maximum vacuum advance Spark plugs	° Cran	mbar Ikshaft	Computer co _ Champion	ntrol	
Type Electrode gap		mm	C6YCC 0.70		
Electrical system Battery	V / C	, C / RC	1 <mark>55, Cloverlea</mark> 12 / 320 / 60		992 to 1995
Alternator voltage / full load currer Starter motor current / voltage - ci	nt / engine rpm ranking	A / V	14.0 / 85 / 30 350 / 9.0		
- lo Running gear	ocked	A / V	750 / 4.0 155, Cloverlea	<mark>f 4 CAT 1</mark>	992 to 1995
Brakes - Front (min. friction material thi	•	mm	3.0		
Rear (min. friction material thio Tyres Saloon	ckness)	mm Size	3.0 205/50x15		
Estate / Van Pressure - front / rear - Salooi		Size Size bar	205/50X15 _ 2.5 / 2.3		
- Estate Front suspension / wheel alignm Toe-in (+) / Toe-out (–)	nent	bar mm [º]	- -0.26±1.0		
Camber Castor		[*]	-0.20±1.0 0 +3°10′±20′ U	/L	
King pin inclination Rear suspension / wheel alignm		no no [0]	+11°30′ +1.6±1.0 U/L		
Toe-in (+) / Toe-out (–) Camber		mm [º]	-1°±15′ U/L		
Torque wrench settings Cylinder head - stage 1 - stage 2		Nm Nm	155, Cloverlea 76 to 84 Warm engine		992 to 1995
- stage 2 Cylinder head - stage 3 - stage 4		Nm Nm Nm	- 360° 83 to 91		
Big-end bearings Main bearings		Nm Nm	49 to 54 oiled 20 + 115° 32 to 40	k	
Clutch cover Flywheel [driveplate] Front hubs		Nm Nm Nm	32 to 40 116 to 129 356 to 400		
Rear hubs Wheel nuts / bolts		Nm Nm	304 to 336 90	1	
Spark plugs Capacities		Nm ·	28 to 35 oiled <mark>155, Cloverlea</mark>		992 to 1995
Engine oil & filter Gearbox - 4-speed [5-speed]		litres litres	5.0 2.0		
Automatic transmission - refill Final drive		litres litres litres	_ WT 7.5		
Cooling system Fuel tank		litres	90		

Notes and Illustrations