HYUNDAI

Lantra 1.6i CAT

1991 to 1995

Engine & Fuel Ignition	n Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
	Automot	ive			
	Technica				
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Engine and cooling sy	/stem		Lantra 1 4G61-DOHC		<mark>991 to 1995</mark> 78kWl)
Capacity (cm ³) / number of cylin Compression ratio / pressure	nders	bar	1596 / 4 9.2 / ≥9.1		, o]/
Oil pressure Oil temperature Valve clearance - inlet		bar °C mm	0.8 90 0: Hyd.		
Valve clearance - exhaust Firing order		mm	0: Hyd. 1-3-4-2		
No 1 cylinder position Thermostat opening temperatur Radiator cap pressure	e	°C bar	TBE 88 0.76 to 1.04		
Fuel system			Lantra 1	l <mark>.6i CAT 1</mark>	991 to 1995
Idle speed - manual [auto] Fast idle speed - manual [auto] CO @ idle speed [3000 rpm] - s	ee page VI	rpm rpm %	750±100 N/A 	L .	
HC @ idle speed [3000 rpm] - s CO2 @ idle speed [3000 rpm] -	ee page VI see page VI	ppm %	100		
O2 @ idle speed [3000 rpm] - se Carburettor / fuel injection Type / ref	ee page VI	%	_ Hyundai MPFI		
Main jet / needle		bar	- -		
Pump pressure Octane rating		bar RON	3.2 to 3.4 95[U]		
Ignition system Type			Lantra 1 Computerize	l <mark>.6i CAT 1</mark> d	991 to 1995
Ignition coil Primary resistance		ohms	MD 069937 0.80±0.08		
Ballast resistor Voltage - Tmnl 15(+) to eart Distributor	h	ohms V	-		
Points gap (air gap) Dwell angle		mm ° (%)	_		
Condenser capacity Rotation Ignition timing - basic [static	° Crankshaf	μF t @ rpm	– Clockwise 5±2 BTDC @	750	
V = Vacuum NV = No Vac Total ignition advance	uum ° Crankshaf	t @ rpm	NV -		
Centrifugal check.	 ^o Crankshaft ^o Crankshaft ^o Crankshaft 	t @ rpm	– _ Computer co	ontrol	
	° Crankshaf	t @ rpm t @ rpm			
Vacuum range check Maximum vacuum advan Spark plugs	ce ° Cra	mbar nkshaft	Computer co _ NGK/Champ		
Type Electrode gap		mm	BPR6ES-11 / 1.00 to 1.10		
Electrical system Battery	V / C	CC / RC	Lantra 1 12 / 60Ah	l.6i CAT 1	991 to 1995
Alternator voltage / full load cur Starter motor current / voltage -	rent / engine rpm cranking		14.1 to 14.7	/ 53, 75 / 300	00
Running gear	locked	A / V	– Lantra 1	1.6i CAT 1	991 to 1995
Brakes - Front (min. friction material	thickness)	mm	2.0		
Rear (min. friction material Tyres Saloon	hickness)	mm Size	1.5 185/60x14		
Estate / Van Pressure - front / rear - Sale		Size bar	_ 2.0 / 2.0		
Front suspension / wheel alig	ate / Van nment	bar	- 0±3.0		
Toe-in (+) / Toe-out (–) Camber Castor		mm [°]	0±30' +2°21'		
King pin inclination Rear suspension / wheel align	iment		+12°30′		
Toe-in (+) / Toe-out (-) Camber		mm [°]	0 -40' N/A		
Torque wrench setting Cylinder head - stage 1	JS	Nm Nm	Lantra 1 35 90 to 100 C	l.6i CAT 1	991 to 1995
- stage 2 Cylinder head - stage 3 - stage 4		Nm Nm	100 to 110 H		
Big-end bearings Main bearings		Nm Nm	50 to 53 65 to 70		
Clutch cover Flywheel [driveplate] Front hubs		Nm Nm Nm	15 to 22 130 to 140 196 to 255		
Rear hubs Wheel nuts / bolts		Nm Nm	150 to 200 88 to 108		
Spark plugsNm20 to 30CapacitiesLantra 1.6i CAT1991 to 1995					
Engine oil & filter Gearbox - 4-speed [5-speed]		litres litres	3.7 1.8		
Automatic transmission - refill Final drive Cooling system		litres litres litres	6.1 WT 6.0		
Fuel tank		litres	52		

Notes and Illustrations





