

Running

Ignition

Electrical

gear

Torque

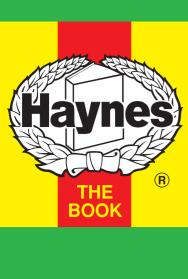
settings

Capacities

Notes & Illustrations

1996 to 1997

Lantra 1.6



**Engine and cooling system** 

Capacity (cm3) / number of cylinders

Compression ratio / pressure

clearance - exhaust

Oil pressure

Firing order

Oil temperature

Valve clearance - inlet

No 1 cylinder position

**Fuel** 

Engine &

Cooling

## Automotive Technical

data screen. **MENU HELP** 1996 to 1997 Lantra 1.6 G4GR DOHC 16V

Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the

1599 / 4 bar  $9.85 / \ge 13.7$ 1.7 bar  $^{\circ}C$ 80 mm 0: Hyd. mm 0: Hyd. 1-3-4-2

**TBE** °C 82 bar 0.8 to 1.1 800±100 rpm

rpm

ppm

%

%

%

bar

bar

RON

≤0.3

≤200

**MPI** 

3.0

\_Hyundai

Lantra 1.6

Thermostat opening temperature Radiator cap pressure Fuel system Idle speed - manual [auto]

Fast idle speed - manual [auto] CO @ idle speed [3000 rpm] - see page VI HC @ idle speed [3000 rpm] - see page VI CO2 @ idle speed [3000 rpm] - see page VI O2 @ idle speed [3000 rpm] - see page VI Carburettor / fuel injection Type / ref

Main jet / needle Injection pressure

Pump pressure Octane rating **Ignition system** Type Ignition coil Ballast resistor

Primary resistance

Voltage - Tmnl 15(+) to earth Distributor Points gap (air gap) Dwell angle Rotation

Condenser capacity Ignition timing - basic [static V = Vacuum NV = No Vacuum Total ignition advance Centrifugal check.

Vacuum range check Spark plugs Type Electrode gap

**Battery** 

Running gear Brakes -Front (min. friction material thickness) Rear (min. friction material thickness) **Tyres** 

Saloon Estate / Van

Camber Castor

Rear suspension / wheel alignment Toe-in (+) / Toe-out (-) Camber Torque wrench settings

Cylinder head - stage 1 - stage 2 Cylinder head - stage 3 - stage 4 Big-end bearings Main bearings

Clutch cover Flywheel [driveplate] Front hubs Rear hubs Wheel nuts / bolts Spark plugs

**Capacities** 

Engine oil & filter

Final drive Cooling system Fuel tank **Notes and Illustrations** 

Gearbox - 4-speed [5-speed]

Automatic transmission - refill

Pressure - front / rear - Saloon - Estate / Van Front suspension / wheel alignment Toe-in (+) / Toe-out (-) King pin inclination

**Electrical system** Alternator voltage / full load current / engine rpm Starter motor current / voltage - cranking - locked

Maximum vacuum advance

° Crankshaft @ rpm ° Crankshaft @ rpm

° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm mbar ° Crankshaft mm

V / CC / RC

A/V

A/V

mm

mm

Size

Size

bar

bar

mm [°]

mm [°]

Nm

litres

litres

litres

litres

litres

litres

μF

ohms ohms ٧ mm ° (%) 7°±5° BTDC @ 800±100 Computer control

95[U] DIS  $0.5 \pm 0.05$ 

Computer control

Computer control

NGK/Champion

1.0 to 1.1

14.4 / 90A

60Ah

2.0

2.0

2.0 / 2.0

 $0.0 \pm 3.0$ 

 $0^{\circ}0' \pm 30'$ 2°21′±30′

 $5.0 \pm 2.0$ -42'±30'

12°21′±30′

M10: 30 M12: 35

27 to 33 +60° to 65°

+60° to 65°

+60° to 65°

50 to 53

15 to 22

120 to 130

200 to 260

180 to 220

90 to 110 20 to 30

4.0

2.15

6.6

WT

6.0

55

BKR5RS-11 / RN9YC4

Lantra 1.6

Lantra 1.6

Lantra 1.6

Lantra 1.6

175/65x14:195/60x14

Lantra 1.6

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