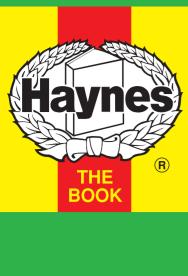
Fuel Ignition

Electrical

Running Torque gear settings Capacities

Notes & Illustrations

1992 to 1995



Engine &

Cooling

Automotive Technical

make another choice, click anywhere on the data screen. **MENU HELP** 1992 to 1995

Click on one of the buttons above to view data for this car. To return to this screen and

Oil pressure Oil temperature Valve clearance - inlet

Engine and cooling system

Capacity (cm3) / number of cylinders

Compression ratio / pressure

clearance - exhaust Firing order

No 1 cylinder position 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 Primary resistance

Ballast resistor Voltage - Tmnl 15(+) to earth Distributor Points gap (air gap)

Dwell angle Condenser capacity Rotation Ignition timing - basic [static V = Vacuum NV = No Vacuum Total ignition advance

Centrifugal check. Vacuum range check Maximum vacuum advance Spark plugs

Electrode gap **Electrical system Battery** Alternator voltage / full load current / engine rpm Starter motor current / voltage - cranking

Type

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

Saloon Estate / Van Pressure - front / rear - Saloon Front suspension / wheel alignment

Tyres

Toe-in (+) / Toe-out (-) Camber Castor King pin inclination Rear suspension / wheel alignment Toe-in (+) / Toe-out (-)

Camber

Engine oil & filter

Cooling system

Final drive

Fuel tank

Gearbox - 4-speed [5-speed]

Automatic transmission - refill

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**

ΕX

IN

Notes and Illustrations

ΕX

IN

1836 cm³, 16V

bar

bar

°C

mm

mm

°C

bar

rpm

rpm

ppm

%

%

%

bar

bar

RON

1836 / 4

 $9.2 / \ge 9.1$

8.0

90

TBE

≤0.5 N/A

Hyundai **MPFI**

3.2 to 3.4

Computerized

MD 069937

95[U]

100

88

Lantra 1.8i CAT

4G67-DOHC 16V (93kW)

1992 to 1995

1992 to 1995

0: Hyd. 0: Hyd. 1-3-4-2

0.76 to 1.04 Lantra 1.8i CAT 700±100 N/A

Lantra 1.8i CAT

 0.80 ± 0.08 Clockwise

5±2 BTDC @ 700

Computer control

NGK/Champion

NV

Computer control Computer control

1.00 to 1.10 Lantra 1.8i CAT 12 / 60Ah 14.1 to 14.7 / 53, 75 / 3000

BPR6ES-11 / RN9YC4

Lantra 1.8i CAT 1992 to 1995

185/60x14

1992 to 1995

1992 to 1995

1992 to 1995

2.0 / 2.0

Lantra 1.8i CAT

Lantra 1.8i CAT

ATDC BTDC

1836 cm³, 16V

10

H.19475

ohms ohms ٧ mm ° (%)

μF ° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm

° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm mbar ^o Crankshaft

- locked

- Estate / Van

mm V/CC/RC

mm

mm

Size

Size

bar

bar

mm [°]

A/V A/V

2.0

1.5

 0 ± 3.0

 $0 \pm 30'$ +2°34′

0

35

+12°30′

-40' N/A

90 to 100 C

50 to 53

65 to 70

15 to 22

130 to 140

196 to 255

150 to 200

88 to 108 20 to 30

3.7

1.8

6.1

WT

6.0

52

100 to 110 H

EX

IN

Nm Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

litres

litres

litres

litres

litres

litres

mm [°]

Nm Nm