**HYUNDAI** 

Engine &

Cooling

**Fuel** Ignition

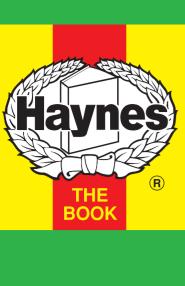
Electrical

Running gear

Torque settings

Capacities

Notes & Illustrations



## Automotive Technical

make another choice, click anywhere on the data screen. **MENU HELP** 1989 to 1992

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	

Capacity (cm<sup>3</sup>) / number of cylinders

Compression ratio / pressure

lalve 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 Primary resistance Ballast resistor

Ignition coil 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 Type

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

Electrode gap

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

**Tyres** Saloon Estate / Van Pressure - front / rear - Saloon

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

Camber Torque wrench settings Cylinder head - stage 1 - stage 2

Cylinder head - stage 3

Toe-in (+) / Toe-out (-)

- stage 4 Big-end bearings Main bearings Clutch cover Flywheel [driveplate]

Rear hubs Wheel nuts / bolts Spark plugs **Capacities** 

Gearbox - 4-speed [5-speed]

Automatic transmission - refill

Engine oil & filter

Cooling system

Final drive

Fuel tank

Front hubs

**Notes and Illustrations** 

1795 cm<sup>3</sup>, 8V

**Engine and cooling system** 

bar

bar °C mm

mm

°C

bar

rpm

rpm

ppm

%

%

%

bar

bar

RON

ohms

ohms

٧

mm ° (%)

μF

mbar

mm

A/V

A/V

mm

mm

Size

Size

bar

bar

mm [°]

mm [°]

Nm

litres

litres

litres

litres

litres

litres

1: Idle speed

BTDC

ATDC 10

1795 cm<sup>3</sup>, 8V

° Crankshaft

V/CC/RC

- locked

- Estate / Van

° Crankshaft @ rpm

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

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

1795 / 4

8.9 / \_

Sonata 1.8 4G62 SOHC 73kW

1989 to 1992

1989 to 1992

1989 to 1992

1989 to 1992

8.0 0: Hyd. 0: Hyd. 1-3-4-2 **TBE** 

88 0.76 to 1.04 Sonata 1.8 750±50

 $1.5 \pm 0.5$ ≤1200

Hyundai **MPI** 

3.2 to 3.4 95[E 95 RON] Sonata 1.8

Computerized MD 069937  $0.80 \pm 0.08$ 

Clockwise 5±1 BTDC @ 750

Computer control

Computer control NGK/Champion BPR6ES-11 / RN9YC4 1.00 to 1.10

12 / 60Ah 14.1 to 14.7 / 75 / 3000

2.0 / 2.0

 $0 \pm 3.0$ 

 $+30'\pm30'$ +2°±30′

+13°25'

0

0

35

90 to 100 C

32 to 35

50 to 55

15 to 22

130 to 140

196 to 255

88 to 108 20 to 30

4.0

2.5

WT

7.0

60

100 to 110 H

2.0 1.5

Sonata 1.8 185/70x14

Sonata 1.8

Sonata 1.8

1989 to 1992

1989 to 1992 Sonata 1.8

H.19475

2: CO / Mixture

MPI, 1795 cm<sup>3</sup>

H.19661