1989 to 1992

Engine & **Fuel** Ignition Cooling

Electrical

gear

Running

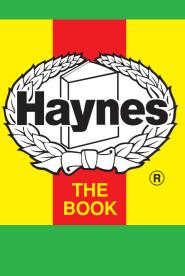
settings

Torque

Capacities

Illustrations

Notes &



## Automotive Technical

make another choice, click anywhere on the data screen. **MENU HELP** Sonata 2.0 1989 to 1992

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

1989 to 1992

1989 to 1992

## Oil pressure Oil temperature

Compression ratio / pressure

Valve clearance - inlet dearance - exhaust Firing order

No 1 cylinder position Thermostat opening temperature Radiator cap pressure Fuel system

Idle speed - manual [auto] CO @ idle speed [3000 rpm] - see page VI

Fast idle speed - manual [auto] 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** Primary resistance

Type Ignition coil 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

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

Toe-in (+) / Toe-out (-) Camber Torque wrench settings Cylinder head - stage 1

Rear suspension / wheel alignment

Cylinder head - stage 3 - stage 4 Big-end bearings Main bearings Clutch cover

- stage 2

Flywheel [driveplate] Front hubs Rear hubs Wheel nuts / bolts

Spark plugs **Capacities** Engine oil & filter Gearbox - 4-speed [5-speed]

Automatic transmission - refill

Final drive

Fuel tank

Cooling system

**Notes and Illustrations** 

1997 cm<sup>3</sup>, 8V

**Engine and cooling system** Capacity (cm3) / number of cylinders

bar

bar

°C

mm

mm

°C

bar

rpm

rpm

ppm

%

%

%

bar

bar

RON

ohms

ohms

٧

mm ° (%)

μF

° Crankshaft @ rpm

° Crankshaft @ rpm ° Crankshaft @ rpm

- locked

- Estate / Van

8.6 / \_

4G63 SOHC 1997 / 4 0: Hyd. 0: Hyd.

1-3-4-2 **TBE** 88 0.76 to 1.04 750±50  $1.5 \pm 0.5$ 

Sonata 2.0 ≤1200

Hyundai **MPI** 3.2 to 3.4 95[E 95 RON] Sonata 2.0

Computerized  $0.80 \pm 0.08$ 

Clockwise 5±1 BTDC @ 750

Computer control

° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm Computer control mbar ° Crankshaft NGK/Champion BPR6ES-11 / RN9YC4 1.00 to 1.10 mm

V/CC/RC A/V A/V 2.0

1.5

185/70x14

2.0 / 2.0

 $0 \pm 3.0$ 

 $+30'\pm30'$ +2°±30′

+13°25'

0

0

35

90 to 100 C

45 to 47

49 to 53

15 to 22

130 to 140

196 to 255

88 to 108 20 to 30

4.0

2.5

5.8

WT

7.0

60

100 to 110 H

mm

mm

Size

Size

bar

bar

mm [°]

mm [°]

Nm

litres

litres

litres

litres

litres

litres

2: CO / Mixture

12 / 60Ah

Sonata 2.0 14.1 to 14.7 / \_ / 3000 Sonata 2.0

1989 to 1992

1989 to 1992

1989 to 1992

Sonata 2.0

Sonata 2.0

1989 to 1992

H.19661 MPI, 1997 cm<sup>3</sup>

BTDC ATDC 10 H.19475 1997 cm<sup>3</sup>, 8V

1: Idle speed