Fuel

Engine &

Cooling

1986 to 1990

Capacities

Notes &

Illustrations

Running

gear

bar

bar °C mm

mm

Electrical

Torque

settings

1974 / 4

 $9.4 / \ge 9.0$ [3.2 to 5.1]

0.30 H

0.30 H

TBE

82

1-3-4-2

 1.0 ± 0.5

≤1200

Hitachi

97[R]

0.20 to 0.27

Electronic

1.3 to 1.7

Hitachi

NV

20

0@1200

21 @ 4800

133 to 467

0.80 to 0.90

12 / 60Ah

NGK/Champion

BCPR6ES / RC7YC

14.1 to 14.7 / _ / 2500

[0.30 to 0.50]

Anticlockwise

3±1 BTDC @ idle

0.78 to 0.98

Bluebird 2.0 (T12/72)

650±100 [750±100]

2500 to 2800 [2900 to 3200]

DCR342-101 [-102, AT]

106, 160. T72: 106, 165

Bluebird 2.0 (T12/72)

Hanshin STC-106

Automotive Technical

Ignition

make another choice, click anywhere on the data screen. **MENU HELP** Bluebird 2.0 (T12/72) 1986 to 1990 CA 20S SOHC

1986 to 1990

1986 to 1990

1986 to 1990

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	
and the second s	

Engine and cooling system

Capacity (cm³) / number of cylinders

Valve 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

V = Vacuum NV = No Vacuum Total ignition advance Centrifugal check.

Vacuum range check

Maximum vacuum advance

Starter motor current / voltage - cranking

- locked

- Estate / Van

Ignition timing - basic [static

Spark plugs Type Electrode gap **Electrical system Battery**

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 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

Final drive

Fuel tank

Cooling system

Capacities Engine oil & filter Gearbox - 4-speed [5-speed] Automatic transmission - refill

1974 cm³

¹T72: +14°15′ to 15°45′

Notes and Illustrations

Compression ratio / pressure

°C bar rpm rpm

% ppm % % bar bar

RON ohms ohms ٧ mm ° (%)

° Crankshaft @ rpm ° Crankshaft @ rpm

mbar ° Crankshaft mm V / CC / RC Alternator voltage / full load current / engine rpm

μF

A/V A/V

Bluebird 2.0 (T12/72)

mm mm

Size

bar

bar

mm [°]

mm [°]

Nm

litres

litres litres

litres

litres

litres

2: CO / Mixture

2.0 1.5 Size

60 to 100 / 11.5 (no load)

+1.0 to 3.0

-25' to +1°5' +1°20′ to 2°50′

-2.0 to -6.0

29

29

74 to 83

32 to 36

45 to 54

18 to 22

98 to 108 235 to 314

98 to 118 20 to 29

WSM

3.6 2.7

6.8

WT

7.3

60

-1°10′ to +20′

78, then loosen bolts

Bluebird 2.0 (T12/72)

Bluebird 2.0 (T12/72) 165x14: 185/70x14

1986 to 1990

1.9 / 1.8

+13°50′ to 15°20′1

1986 to 1990 Bluebird 2.0 (T12/72)

1986 to 1990

Hitachi

H.19355 1974 cm³

ATDC

BTDC

1: Idle speed