Fuel

Ignition

Engine &

Cooling

Capacities

1986 to 1989

Torque

settings

1598 / 4

 $9.0 / \ge 9.0$

0.30 H

0.30 H

TBE

82

1-3-4-2

650±50

 1.0 ± 0.5

≤1200

Nikki

97[R]

0.78 to 0.98

2100 to 2400

21E304-A11

0.20 to 0.27

Electronic

1.3 to 1.7

Hitachi

[0.30 to 0.50]

Anticlockwise

5±1 BTDC @ 650±50

Bluebird 1.6 (T12)

Hanshin STC-106

103, 180

Bluebird 1.6 (T12)

[3.2 to 5.1]

Running

gear

bar

bar

°C mm

mm

°C

bar

rpm

rpm

ppm

%

% %

bar

bar

RON

Automotive Technical

Electrical

return to this screen and make another choice, click anywhere on the data screen. **MENU HELP** Bluebird 1.6 (T12) 1986 to 1989 CA 16S SOHC

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

1986 to 1989

1986 to 1989

Notes &

Illustrations

On prossuro	
Oil temperature	
Valve clearance - inlet	

Engine and cooling system

Capacity (cm³) / number of cylinders

Compression ratio / pressure

Oil pressure

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 Ignition timing - basic [static V = Vacuum NV = No Vacuum

Total ignition advance

Centrifugal check. Vacuum range check Maximum vacuum advance Spark plugs

Type

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

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

Pressure - front / rear - Saloon Front suspension / wheel alignment Toe-in (+) / Toe-out (-)

King pin inclination

Estate / Van

Camber

Castor

Capacities

Engine oil & filter

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

- Estate / Van

- 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

Automatic transmission - refill Final drive Cooling system Fuel tank **Notes and Illustrations**

Gearbox - 4-speed [5-speed]

1598 cm³

ohms ° Crankshaft @ rpm

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

mm V / CC / RC A/V A/V - locked

mm

mm

Size

Size

bar

bar

mm [°]

mm [°]

Nm

litres

litres

litres

litres

litres

litres

ohms ٧ mm ° (%) μF

° Crankshaft @ rpm

NV 0@1200 19 @ 5200 93 to 467

20 NGK/Champion BCPR5ES / RC7YC 0.80 to 0.90 **Bluebird 1.6 (T12)** 12 / 60Ah

> 2.0 1.5

+1.0 to 3.0

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

WT

7.3

60

-25' to +1°5' +1°20′ to 2°50′

+13°50′ to 15°20′

Bluebird 1.6 (T12) 165x14: 185/70x14 1.8 / 1.8

14.1 to 14.7 / _ / 2500 60 to 100 / 11.5 (no load)

1986 to 1989

1986 to 1989

-2.0 to -6.0 -1°10' to +20' 1986 to 1989 **Bluebird 1.6 (T12)**

78, then loosen bolts

Bluebird 1.6 (T12) 1986 to 1989

Nikki

2: CO / Mixture BTDC 1598 cm³

1: Idle speed

ATDC