TOYOTA

Fuel

Engine &

Cooling

Ignition

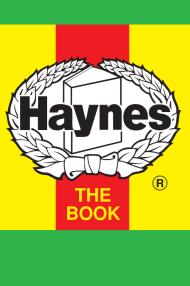
Electrical

Running Torque gear

settings

Capacities

Notes & Illustrations



Automotive Technical

make another choice, click anywhere on the data screen. **MENU HELP** 1992 to 1993

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

Oil pressure Oil temperature

Engine and cooling system

Capacity (cm³) / number of cylinders

Compression ratio / pressure

Valve clearance - inlet - 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

Front (min. friction material thickness) Rear (min. friction material thickness) **Tyres** Saloon Estate / Van Pressure - front / rear - Saloon

Brakes -

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 - stage 3 - stage 4

Wheel nuts / bolts

Spark plugs

Fuel tank

Capacities

Big-end bearings Main bearings Clutch cover Flywheel [driveplate] Front hubs Rear hubs

Engine oil & filter Gearbox - 4-speed [5-speed] Automatic transmission - refill Final drive Cooling system

Notes and Illustrations

¹Leaf spring: +1°47′±45′

1998 cm³

1: Idle speed

30 20

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

° Crankshaft

V/CC/RC

locked

- Estate / Van

° Crankshaft @ rpm

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

° Crankshaft @ rpm

° Crankshaft @ rpm

° Crankshaft @ rpm

3Y-C

Lite-Ace / Town-Ace 2.0 1998 / 4 $8.8 / \ge 8.8$ [2.5 to 4.9] 80 0: Hyd. 0: Hyd. 1-3-4-2

TCE

80 to 84

0.74 to 1.03

650±50

1.5±0.5

≤1200

Aisan

97[RA]

Electronic

1.3 to 1.6

Toyo Denso [0.20 to 0.40]

8 BTDC @ 850

NV

0@1400

5 @ 2100

19@3900

105 to 440

NGK/Champion

BPR5EY / RN9YC

Lite-Ace / Town-Ace 2.0

Lite-Ace / Town-Ace 2.0

175x14: 195/70x14

13.8 to 14.8 / _ / 3000

50 to 55 / 11.0 (no load)

17 to 21

12 / 36Ah

0.80

1.0

1.0

2.3 / 2.3

 $+0.4\pm1.0$

-10'±45' +2°18′±45′1

 $+10^{\circ}40' \pm 45'$

Lite-Ace / Town-Ace 2.0

12mm bolt: 19

14mm bolt: 88

Lite-Ace / Town-Ace 2.0

49

78

19

83

WSM

103 18

3.5

2.2

2.4

1.5

7.5 48

Lite-Ace / Town-Ace 2.0

2V

2600±100

Lite-Ace / Town-Ace 2.0

1992 to 1993

Aisan 2V

2: CO / Mixture

H.19606

1998 cm³