

Engine &

Cooling

Fuel

Ignition

Electrical

Running

gear

Torque

settings

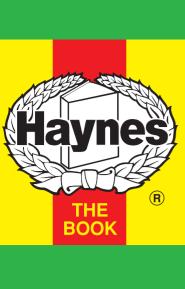
Capacities

Notes & Illustrations

Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the

1992 to 1996

RX7 Turbo



Automotive Technical

data screen. **MENU RX7 Turbo**

RE13B Rotary 2x Turbo

1992 to 1996

HELP

Engine and cooling system Capacity (cm³) / number of cylinders Compression ratio / pressure Oil pressure Oil temperature Valve clearance - inlet clearance - exhaust

Fuel system

Firing order No 1 cylinder position Thermostat opening temperature

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

HC @ idle speed [3000 rpm] - see page VI

O2 @ idle speed [3000 rpm] - see page VI

Carburettor / fuel injection

Main jet / needle Injection pressure

Ignition system

Primary resistance Ballast resistor

Points gap (air gap)

Condenser capacity

Ignition timing - basic [static

Centrifugal check.

Vacuum range check

Dwell angle

Total ignition advance

Rotation

Spark plugs

Battery

Brakes -

Tyres

Type

Electrode gap

Running gear

Saloon

Camber

Camber

Big-end bearings

Flywheel [driveplate]

Wheel nuts / bolts

Main bearings

Clutch cover

Front hubs

Rear hubs

Spark plugs

Final drive

Fuel tank

Capacities

Engine oil & filter

Cooling system

Gearbox - 4-speed [5-speed]

Automatic transmission - refill

Notes and Illustrations

Cylinder head - stage 1

Cylinder head - stage 3

Castor

Estate / Van

Electrical system

Voltage - Tmnl 15(+) to earth

V = Vacuum NV = No Vacuum

Maximum vacuum advance

Alternator voltage / full load current / engine rpm

Front (min. friction material thickness)

Rear (min. friction material thickness)

Pressure - front / rear - Saloon

Front suspension / wheel alignment

Rear suspension / wheel alignment

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

King pin inclination

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

Torque wrench settings

- stage 2

- stage 4

- locked

- Estate / Van

Starter motor current / voltage - cranking

Type / ref

Pump pressure

Octane rating

Ignition coil

Distributor

Type

CO2 @ idle speed [3000 rpm] - see page VI

Radiator cap pressure

Idle speed - manual [auto]

Fast idle speed - manual [auto]

bar

bar $^{\circ}C$ 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 Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

litres

litres

litres

litres

litres

litres

^o Crankshaft

V / CC / RC

° Crankshaft @ rpm

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

° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm 1-2

2616 / 2

9.0 / 7.0

[4.4 to 5.4] 80.5 to 83.5 1.2 to 1.5

700 to 750

≤0.1 N/A

≤100

Bosch

5.0 to 7.5

Electronic

[0.50 to 0.90]

Computer control

Computer control

NGK/Champion

1.1 to 1.7

12 / 50Ah

2.0

1.0

225/50x16

2.2 / 2.2

 $+1.0 \pm 3.0$

 $+6'\pm45'$ $+5°9'\pm1°$

+13°55′

 $+2.0\pm3.0$ -1°13′±45′

18 to 27

WSM

120

5.8

2.5

1.4

8.7

76

390 to 490

235 to 314

12 to 18

BUR9EQP / RN2C

90 / 11.0 (no load)

RX7 Turbo

RX7 Turbo

RX7 Turbo

RX7 Turbo

14.1 to 14.7 / 100 / 3000

780 / 4.0 [980 / 4.0, AT]

1992 to 1996

1992 to 1996

1992 to 1996

1992 to 1996

95[U]

≤1.0

Electronic MPI

RX7 Turbo

RX7 Turbo

1992 to 1996

1992 to 1996

¹Leading: 5±1 ATDC @ idle. Trailing: 20±2 ATDC @ idle