Fuel

Engine &

Cooling

Torque

settings

1992 to 1997

Capacities

Automotive Technical

Ignition

Electrical

return to this screen and make another choice, click anywhere on the data screen. **MENU HELP** 1992 to 1997 4x4 Pick-up 2.4i (D21) KA24E SOHC 12V

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

Notes &

Illustrations

Oil temperature Valve clearance - inlet clearance - exhaust Firing order

Compression ratio / pressure

Oil pressure

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 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

Capacities

Engine oil & filter

Automatic transmission - refill Final drive Cooling system Fuel tank

Gearbox - 4-speed [5-speed]

Notes and Illustrations 1195: 3.0 / 2.7. 205: 1.8 / 2.7

14 Nm =

Capacity (cm³) / number of cylinders

Engine and cooling system

bar bar $^{\circ}C$ mm mm °C

bar 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

^o Crankshaft

V/CC/RC

- locked

- Estate / Van

° Crankshaft @ rpm

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

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

80 rpm

Running

gear

%

0: Hyd. 0: Hyd. 1-3-4-2 **TCE** 88 800±50

2.94

91[U]

2389 / 4

 $8.6 / \ge 9.8$

0.78 [4.12 to 4.81]

0.78 to 1.00 ≤0.5 N/A ≤200

4x4 Pick-up 2.4i (D21) Nissan **PCM EFI** 2.5

Computer control

Computer control

Computer control

4x4 Pick-up 2.4i (D21)

4x4 Pick-up 2.4i (D21)

185: 3.0 / 2.6¹

+2.0 to 6.0

-5' to +1°25' -33' to 2°3'

4x4 Pick-up 2.4i (D21)

Slacken, then 29

+ 80 to 85°

46 to 52

22 to 29

WSM

142 to 152

118 to 147

Front: 1.3. Rear: 1.3

20 to 29

3.3

8.2 80

29

78

12 / 180 / 60Ah

NGK

ZFR5E-11

100 / 11.0

2.0

1.5

1.00 to 1.10

4x4 Pick-up 2.4i (D21) Computerized

1992 to 1997

1992 to 1997

10±2 BTDC @ 750 WSM

1992 to 1997

14.4 to 15.0 / 60 / 2500 1992 to 1997 185x14: 195x14: 205x16

1992 to 1997

1992 to 1997

14 to 16 + 60 to 65° 4x4 Pick-up 2.4i (D21) 4.0. Transfer box: 2.2

5

2389 cm³, 12V

IN

2 EX