ALFA ROMEO

164, V6 24V Cloverleaf

Torque

2959 / 6

10.0 /

0: Hyd.

0: Hyd.

90

FR

[3.9 to 5.9]

1-4-2-5-3-6

0.90 to 1.10

87±2. 95 ▶: 83±2

600 to 800. 95 ▶: 650 to 750

1994 to 1997

Engine & Electrical **Fuel** Ignition Cooling

gear

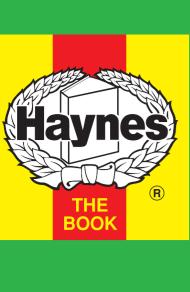
Running

settings

Notes &

Illustrations

Capacities



Automotive Technical

MENU HELP 164, V6 24V Cloverleaf 1994 to 1997 064.304. 95 ▶: AR64.308 172kW

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 data screen.

Valve clearance - inlet clearance - exhaust Firing order No 1 cylinder position

CO2 @ 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

Points gap (air gap)

Condenser capacity

Ignition timing - basic [static

Centrifugal check.

Vacuum range check

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

- stage 2

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

King pin inclination

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

- locked

- Estate / Van

Starter motor current / voltage - cranking

Ballast resistor

Dwell angle

Total ignition advance

Rotation

Spark plugs

Battery

Brakes -

Tyres

Type

Electrode gap

Running gear

Saloon

Camber

Castor

Camber

Capacities

Cooling system

Fuel tank

Estate / Van

Electrical system

Type / ref

Pump pressure

Octane rating

Ignition coil

Distributor

Type

Engine and cooling system

Capacity (cm³) / number of cylinders

Compression ratio / pressure

Oil pressure

Oil temperature

Fuel system

Thermostat opening temperature Radiator cap pressure

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

°C bar rpm rpm % ppm %

bar

bar

 $^{\circ}C$

mm

mm

164, V6 24V Cloverleaf %

bar bar RON

Bosch ohms

mm

μF

° (%)

mbar

mm

A/V

A/V

mm

mm

Size

Size

bar

bar

mm [°]

mm [°]

Nm

Nm

Nm

litres

litres

litres

litres

litres

litres

° Crankshaft

V/CC/RC

° Crankshaft @ rpm

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

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

ohms ٧

2.8 to 3.2 95[U]

2.8 to 3.2 Direct electronic 1 per cylinder

Computer control

Computer control

Computer control

Computer control

164, V6 24V Cloverleaf

164, V6 24V Cloverleaf

0±1.0. 95 ▶: -1.0±1.0

-1°±20′. 95 ▶: -15′±20′

164, V6 24V Cloverleaf

164, V6 24V Cloverleaf

13.0. Refill: 9.5

14.3 to 14.8 / 120 / 3000

NGK

N/A

2.0

2.0

205/55x16

-1°37′±20′ +2°17′±20′

 $+5.0\pm1.0$

25

+240°

7.5

1.8

WT

70

2.2 / 2.0

RPFR6B

12 / 60Ah

Computer control N/A

164, V6 24V Cloverleaf

ML1.7-Motronic

1994 to 1997

Rear suspension / wheel alignment

Torque wrench settings Cylinder head - stage 1 Cylinder head - stage 3

- stage 4 Nm 46 to 51 Big-end bearings Nm 84 to 93 Main bearings Nm 20 to 25 Clutch cover Nm Flywheel [driveplate] Nm 113 LkC $66 \text{ to } 73 + 61 \pm 2^{\circ}$ Front hubs Nm 250 to 300 Rear hubs Nm Wheel nuts / bolts Nm 95 to 105 25 to 34 Spark plugs Nm

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

Notes and Illustrations