CHRYSLER JEEP

Neon 2.0i

1996 to 1997

Engine & Fuel Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
/ /	<u>Automot</u> echnica	ive			
Haynes	DA			Click on o	no of the
R			-	buttons abo data for th	ove to view lis car. To
THE BOOK	BO	OK		return to this make anoth click anywh	her choice, here on the
				data so	HELP
Engine and cooling sys	stem				996 to 1997
Type Capacity (cm ³) / number of cylind Compression ratio / pressure	ers	bar	SOHC 16V 98 1996 / 4 9.8 / ≥11.7	8kW	
Oil pressure Oil temperature		bar °C	0.25 [1.7 to 5 85	5.5]	
Valve clearance - inlet Valve clearance - exhaust Firing order		mm mm	0: Hyd. 0: Hyd. 1-3-4-2		
No 1 cylinder position Thermostat opening temperature		°C	TBE 88 to 93		
Radiator cap pressure Fuel system		bar	0.98 to 1.20	e <mark>on 2.0i 1</mark>	<mark>996 to 1997</mark>
Idle speed - manual [auto] Fast idle speed - manual [auto]		rpm rpm %	Refer to vehic	cle	
CO @ idle speed [3000 rpm] - see HC @ idle speed [3000 rpm] - see CO2 @ idle speed [3000 rpm] - see	e page VI	ppm %	- - -		
O2 @ idle speed [3000 rpm] - see Carburettor / fuel injection Type / ref		%	_ _ MPI		
Main jet / needle Injection pressure		bar	- -		
Pump pressure Octane rating		bar RON	_ 95[U]		
Ignition system Type			_	eon 2.0i 1	996 to 1997
Ignition coil Primary resistance Ballast resistor		ohms ohms	Weastec 0.45 to 0.65		
Voltage - Tmnl 15(+) to earth Distributor		V	-		
Points gap (air gap) Dwell angle Condenser capacity		mm ° (%) μF	_		
Rotation Ignition timing - basic [static	° Crankshaft		_ Refer to vehic	cle	
V = Vacuum NV = No Vacu Total ignition advance	um ° Crankshaft ° Crankshaft	•	_ Computer co	ntrol	
Centrifugal check.	 ° Crankshaft ° Crankshaft 	@ rpm @ rpm	Computer co	ntrol	
Vacuum range check	 Crankshaft Crankshaft 	•	– – Computer co	ntrol	
Maximum vacuum advance Spark plugs	e ° Crai	nkshaft	_/Champion RC9YC		
Type Electrode gap		mm	0.84 to 0.97		
Electrical system Battery Alternator voltage / full load curre		C / RC	12 / 450 / 85	e <mark>on 2.0i 1</mark>	996 to 1997
Starter motor current / voltage - c	v .	A / V A / V	12 / 75 / _ 150 to 280 / _ _	_	
Running gear Brakes -			Ne	eon 2.0i 1	<mark>996 to 1997</mark>
Front (min. friction material th Rear (min. friction material th	•	mm mm	_		
Tyres Saloon Estate / Van		Size Size	_		
Pressure - front / rear - Saloc - Estat	e / Van	bar bar	2.4 / 2.4		
Front suspension / wheel alignr Toe-in (+) / Toe-out (-) Camber		mm [º]	[+0.1°±0.2°] 0±0.4°		
Castor King pin inclination Rear suspension / wheel alignn	hent		2.8°±1° -		
Toe-in (+) / Toe-out (–) Camber		mm [º]	[+0.1±0.2°] -0.25°±0.5°		
Torque wrench settings Cylinder head - stage 1	S	Nm	N o 34	e <mark>on 2.0i 1</mark>	996 to 1997
- stage 2 Cylinder head - stage 3		Nm Nm	68 68		
- stage 4 Big-end bearings Main bearings		Nm Nm Nm	+ 90° 27 + 90° M11: 81. M8:	: 30	
Clutch cover Flywheel [driveplate]		Nm Nm	28 95 183		
Front hubs Rear hubs Wheel nuts / bolts		Nm Nm Nm	216 109 to 150		
Spark plugs Capacities		Nm	28 N	eon 2.0i 1	996 to 1997
Engine oil & filter Gearbox - 4-speed [5-speed]		litres litres	4.25 1.9 to 2.2		
Automatic transmission - refill Final drive		litres litres	8.4 to 8.7 WT 6.0		
Cooling system Fuel tank		litres litres	6.0 47.3		

Notes and Illustrations

