

Capacity (cm ³) / number of cylinders		1488 / 4
Compression ratio / pressure	bar	9.0 / ≥9.8
Oil pressure	bar	[2.9 to 3.9]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.35 H
Valve clearance - exhaust	mm	0.35 H
Firing order		1-3-4-2
No 1 cylinder position		TCE
Thermostat opening temperature	°C	82
Radiator cap pressure	bar	0.78 to 0.98

Idle speed - manual [auto]	rpm	700±50
Fast idle speed - manual [auto]	rpm	1800 to 2350
CO @ idle speed [3000 rpm] - see page VI	%	1.5±0.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Hitachi
Type / ref		DCZ306-24
Main jet / needle		101, 130
Injection pressure	bar	—
Pump pressure	bar	0.20 to 0.27
Octane rating	RON	88[R]

Ignition system		Variable (CLT)	1000 to 1001
Type		Contact breaker - CIS	
Ignition coil		H5-13-49. STC-137	
Primary resistance	ohms	1.0 to 1.4	
Ballast resistor	ohms	1.6	
Voltage - Tmnl 15(+) to earth	V	—	
Distributor		Hitachi/Mitsubishi	
Points gap (air gap)	mm	0.45 to 0.55	
Dwell angle	° (%)	49 to 55	
Condenser capacity	µF	0.20 to 0.24	
Rotation		Anticlockwise	
Ignition timing - basic [static	° Crankshaft @ rpm	7±2 BTDC @ 700±50	
V = Vacuum NV = No Vacuum		NV	
Total ignition advance	° Crankshaft @ rpm	—	
	° Crankshaft @ rpm	—	
	° Crankshaft @ rpm	—	
Centrifugal check.	° Crankshaft @ rpm	0 @ 1200 to 1560	
	° Crankshaft @ rpm	—	
	° Crankshaft @ rpm	22 to 26 @ 4800	
Vacuum range check	mbar	127 to 427	
Maximum vacuum advance	° Crankshaft	25 to 27	
Spark plugs		NGK/Champion	
Type		BP5ES / N9YC	
Electrode gap	mm	0.80 to 0.90	

Battery	V / CC / RC	12 / 30, 50, 60Ah
Alternator voltage / full load current / engine rpm		14.1 to 14.7 / 35,50,60 / 2500
Starter motor current / voltage - cranking	A / V	60 / 11.5 (no load)
- locked	A / V	

Running gear		Vanette (G22)	1988 to 1991
Brakes -			
Front (min. friction material thickness)	mm	2.0	
Rear (min. friction material thickness)	mm	1.5	

Saloon	Size	—
Estate / Van	Size	165x14: 195/70x14
Pressure - front / rear - Saloon	bar	—
- Estate / Van	bar	3.0 / 3.0

Toe-in (+) / Toe-out (-)	mm [°]	+2.0 to 4.0
Camber		-15' to +45'
Castor		+1°10' to 2°10'
King pin inclination		+9° to 10°

Toe-in (+) / Toe-out (-)	mm [-]	-
Camber		-

Cylinder head - stage 1	Nm	29 to 34
- stage 2	Nm	49 to 54
Cylinder head - stage 3	Nm	69 to 74

Big-end bearings	Nm	31 to 37
Main bearings	Nm	49 to 59
Clutch cover	Nm	22 to 29
Flywheel [driveplate]	Nm	78 to 88

Wheel nuts / bolts	Nm	98 to 118
Spark plugs	Nm	20 to 29

Engine oil & filter	litres	3.1
Gearbox - 4-speed [5-speed]	litres	1.3 [1.2]
Automatic transmission - refill	litres	–

Fuel tank	litres	55
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Abstract

[illegible]

IN H.19345 H.19343 H.19347

	1480 cm ⁻¹	1480 cm ⁻¹	Hitachi DCZ
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.00	0.00
5	0.00	0.00	0.00
6	0.00	0.00	0.00
7	0.00	0.00	0.00
8	0.00	0.00	0.00
9	0.00	0.00	0.00
10	0.00	0.00	0.00
11	0.00	0.00	0.00
12	0.00	0.00	0.00
13	0.00	0.00	0.00
14	0.00	0.00	0.00
15	0.00	0.00	0.00
16	0.00	0.00	0.00
17	0.00	0.00	0.00
18	0.00	0.00	0.00
19	0.00	0.00	0.00
20	0.00	0.00	0.00
21	0.00	0.00	0.00
22	0.00	0.00	0.00
23	0.00	0.00	0.00
24	0.00	0.00	0.00
25	0.00	0.00	0.00
26	0.00	0.00	0.00
27	0.00	0.00	0.00
28	0.00	0.00	0.00
29	0.00	0.00	0.00
30	0.00	0.00	0.00
31	0.00	0.00	0.00
32	0.00	0.00	0.00
33	0.00	0.00	0.00
34	0.00	0.00	0.00
35	0.00	0.00	0.00
36	0.00	0.00	0.00
37	0.00	0.00	0.00
38	0.00	0.00	0.00
39	0.00	0.00	0.00
40	0.00	0.00	0.00
41	0.00	0.00	0.00
42	0.00	0.00	0.00
43	0.00	0.00	0.00
44	0.00	0.00	0.00
45	0.00	0.00	0.00
46	0.00	0.00	0.00
47	0.00	0.00	0.00
48	0.00	0.00	0.00
49	0.00	0.00	0.00
50	0.00	0.00	0.00
51	0.00	0.00	0.00
52	0.00	0.00	0.00
53	0.00	0.00	0.00
54	0.00	0.00	0.00
55	0.00	0.00	0.00
56	0.00	0.00	0.00
57	0.00	0.00	0.00
58	0.00	0.00	0.00
59	0.00	0.00	0.00
60	0.00	0.00	0.00
61	0.00	0.00	0.00
62	0.00	0.00	0.00
63	0.00	0.00	0.00
64	0.00	0.00	0.00
65	0.00	0.00	0.00
66	0.00	0.00	0.00
67	0.00	0.00	0.00
68	0.00	0.00	0.00
69	0.00	0.00	0.00
70	0.00	0.00	0.00
71	0.00	0.00	0.00
72	0.00	0.00	0.00
73	0.00	0.00	0.00
74	0.00	0.00	0.00
75	0.00	0.00	0.00
76	0.00	0.00	0.00
77	0.00	0.00	0.00
78	0.00	0.00	0.00
79	0.00	0.00	0.00
80	0.00	0.00	0.00
81	0.00	0.00	0.00
82	0.00	0.00	0.00
83	0.00	0.00	0.00
84	0.00	0.00	0.00
85	0.00	0.00	0.00
86	0.00	0.00	0.00
87	0.00	0.00	0.00
88	0.00	0.00	0.00
89	0.00	0.00	0.00
90	0.00	0.00</	