



1986 to 1990

Type		L28S
Capacity (cm ³) / number of cylinders		2753 / 6
Compression ratio / pressure	bar	8.6 / ≥8.8
Oil pressure	bar	[2.9]
Oil temperature	°C	—
Valve clearance - inlet		0.25 H
- exhaust	mm	0.30 H
Firing order		1-5-3-6-2-4
No 1 cylinder position		TCE
Thermostat opening temperature	°C	82
Radiator cap pressure	bar	0.90

1986 to 1990

Idle speed - manual [auto]	rpm	650
Fast idle speed - manual [auto]	rpm	-
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		DAF342-38
Main jet / needle		126, 210
Injection pressure	bar	
Pump pressure	bar	0.23 to 0.30
Octane rating	RON	88[R]

1986 to 1990

Type		Contact breaker - CIS
Ignition coil		Hiltachi, Hanshin
Primary resistance	ohms	1.35 to 1.65
Ballast resistor	ohms	1.6
Voltage - Tmnl 15(+) to earth	V	
Distributor		Hiltachi
Points gap (air gap)	mm	0.45 to 0.55
Dwell angle	°	35 to 41
Condenser capacity	µF	0.20 to 0.24
Rotation		Anticlockwise
Ignition timing - basic [static]	° Crankshaft @ rpm	8 BTDC @ 650
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	
	° Crankshaft @ rpm	-
	° Crankshaft @ rpm	-
Centrifugal check.	° Crankshaft @ rpm	0 @ 1000
	° Crankshaft @ rpm	-
	° Crankshaft @ rpm	20 @ 3500
Vacuum range check	mbar	333 to 400
Maximum vacuum advance	° Crankshaft	7
Spark plugs		NGK/Champion
Type		BPR6ES / RN9YC
Electrode gap	mm	0.80 to 0.90

1986 to 1990

Battery	V / CC / RC	12 / 60Ah
Alternator voltage / full load current / engine rpm		13.8 to 14.8 / _ / 2500
Starter motor current / voltage - cranking	A / V	60 to 100 / 11.5 (no load)
- locked	A / V	

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Brakes -			
Front (min. friction material thickness)	mm	2.0	
Rear (min. friction material thickness)	mm	1.5	
Tyres			
Saloon	Size	-	
Estate / Van	Size	6.50x16: 205x16	
Pressure - front / rear - Saloon	bar	-	
- Estate / Van	bar	1.8 / 2.4	
Front suspension / wheel alignment			
Toe-in (+) / Toe-out (-)	mm [°]	+1.0±0.1	
Camber		+30°±30°	
Castor		+3°35'±30'	
King pin inclination		+7°30'±30'	
Rear suspension / wheel alignment			
Toe-in (+) / Toe-out (-)	mm [°]	-	
Camber		-	

1986 to 1990

Cylinder head - stage 1	Nm	70 to 85
- stage 2	Nm	-
Cylinder head - stage 3	Nm	-
- stage 4	Nm	-
Big-end bearings	Nm	45 to 54
Main bearings	Nm	45 to 54
Clutch cover	Nm	15 to 20
Flywheel (driveplate)	Nm	137 to 157
Front hubs	Nm	167 to 196
Rear hubs	Nm	441 to 490
Wheel nuts / bolts	Nm	118 to 147
Spark plugs	Nm	15 to 20

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Engine oil & filter	litres	4.2
Gearbox - 4-speed [5-speed]	litres	2.7 ¹
Automatic transmission - refill	litres	-
Final drive	litres	Front: 1.5 ²
Cooling system	litres	10.8
Fuel tank	litres	82

²Rear: 2.0

Hitachi DAF