



HELP

Type	B3 SOLIC US82 1514W
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Capacity (cm ³) / number of cylinders		1323 / 4
Compression ratio / pressure	bar	9.7 / 9.6 to 13.7
Oil pressure	bar	[3.5 to 4.4]
Oil temperature	°C	—
Valve clearance - inlet	mm	0.30 H
Valve clearance - exhaust	mm	0.30 H
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	Main: 86.5 to 89.5 ¹
Radiator cap pressure	bar	0.76 to 1.04

Fuel system	Pride 1 3 CAT	1991 to 1995
1. Carburettor		
2. Fuel injection		
3. Fuel injection		
4. Fuel injection		
5. Fuel injection		
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100. Fuel injection		

Fuel system		Phase 1.5 CAT	1991 to 1999
Idle speed - manual [auto]	rpm	700 to 750	[850 to 900]
Fast idle speed - manual [auto]	rpm	1250±50	
CO @ idle speed [3000 rpm] - see page VI	%	1.5±0.5	
HC @ idle speed [3000 rpm] - see page VI	ppm	≤100	
CO2 @ idle speed [3000 rpm] - see page VI	%	—	
O2 @ idle speed [3000 rpm] - see page VI	%	—	
Carburettor / fuel injection		Aisan	
Type / ref		26-30 2V downdraught	
Main jet / needle		83, 130	
Injection pressure	bar	—	
Pump pressure	bar	0.28 to 0.35	
Octane rating	RON	91[U]	

Ignition system	Bride 1 3 CAT	1991 to 1995
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Ignition system			Pinde 1.5 CAT	1991 to 1995
Type			Electronic	
Ignition coil			—	
Primary resistance	ohms		1.0 to 1.3	
Ballast resistor	ohms		—	
Voltage - Tmnl 15(+) to earth	V		—	
Distributor			Mitsubishi	
Points gap (air gap)	mm		—	
Dwell angle	° (%)		—	
Condenser capacity	μF		—	
Rotation			Anticlockwise	
Ignition timing - basic [static	° Crankshaft @ rpm		2±1 BTDC @ 700	
V = Vacuum NV = No Vacuum			NV	
Total ignition advance	° Crankshaft @ rpm		—	
	° Crankshaft @ rpm		—	
	° Crankshaft @ rpm		—	
Centrifugal check.	° Crankshaft @ rpm		0 to 2 @ 1050	
	° Crankshaft @ rpm		10 to 14 @ 3000	
	° Crankshaft @ rpm		15 to 19 @ 5000	
Vacuum range check	mbar		132 to 400	
Maximum vacuum advance	° Crankshaft		12 to 16	
Spark plugs			NGK/Champion	
Type			BPR5ES-11 / RN9YC4	
Electrode gap	mm		1.00 to 1.10	

Electrical system	Pride 1.3 CAT	1991 to 1995
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Battery	V / CC / RC	12 / 50Ah
Alternator voltage / full load current / engine rpm		14.4 to 15.0 / 45 / 2500
Starter motor current / voltage - cranking	A / V	60 / 11.5 (no load)

	1980-1989	1990-1999	2000-2009	2010-2019	2020-2029
Brekes					

Brakes -		
Front (min. friction material thickness)	mm	3.0

Rear (min. friction material thickness)	mm	210
Tyres		

Saloon	Size	165/70x12
Estate / Van	Size	165/70x12
Pressure - front / rear - Saloon	bar	2.0 / 2.0

- Estate / Van	bar	2.0 / 2.0
Front suspension / wheel alignment		

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+3.0±3.0
Camber		+40'±30'
Castor		+1°35'±45'

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+3.0±3.0
Camber		15'±15'

Torque wrench settings		5.14	10.34	10.34	10.34
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Torque wrench settings		Pride 1.3 CAT	1991 to 1995
Cylinder head - stage 1	Nm	76 to 81	
- stage 2	Nm	—	
Cylinder head - stage 3	Nm	—	
- stage 4	Nm	—	
Big-end bearings	Nm	29 to 34	
Main bearings	Nm	54 to 59	
Clutch cover	Nm	18 to 28	
Flywheel [driveplate]	Nm	96 to 103	
Front hubs	Nm	157 to 235	
Rear hubs	Nm	—	
Wheel nuts / bolts	Nm	88 to 118	

Spain plays	WIN

Capacities			Pride 1.3 CAT	1991 to 1995
Engine oil & filter	litres	3.2		
Gearbox - 4-speed [5-speed]	litres	2.5		
Automatic transmission - refill	litres	—		
Final drive	litres	WT		
Cooling system	litres	5.0		

Product tank	nitro3	ss

¹Sub: 83.5 to 86.5

1: Idle speed 2: CO / Mixture

