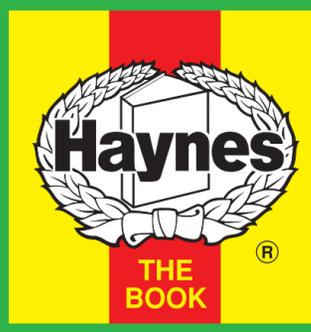


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical DATA BOOK

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HELP

Engine and cooling system Swift 1.3i & Cabrio CAT 1992 to 1996

Type	G13B DOHC 16V 74kW	
Capacity (cm ³) / number of cylinders	1298 / 4	
Compression ratio / pressure	bar	10.0 / 14.5
Oil pressure	bar	[3.5 to 4.3]
Oil temperature	°C	85
Valve clearance - inlet	mm	0: Hyd.
- exhaust	mm	0: Hyd.
Firing order	1-3-4-2	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	82 or 88
Radiator cap pressure	bar	0.90

Fuel system Swift 1.3i & Cabrio CAT 1992 to 1996

Idle speed - manual [auto]	rpm	850±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO ₂ @ idle speed [3000 rpm] - see page VI	%	—
O ₂ @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection	Suzuki	
Type / ref	EPI (Electronic Petrol Inj.)	
Main jet / needle	—	
Injection pressure	bar	1.8 to 2.1
Pump pressure	bar	2.5 to 2.6
Octane rating	RON	95[U]

Ignition system Swift 1.3i & Cabrio CAT 1992 to 1996

Type	Computerized	
Ignition coil	—	
Primary resistance	ohms	0.72 to 0.88
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor	Nippon Denso	
Points gap (air gap)	mm	[0.20 to 0.40]
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation	Clockwise	
Ignition timing - basic [static V = Vacuum NV = No Vacuum]	° Crankshaft @ rpm	6±1 BTDC @ 850±50
Total ignition advance	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	Electronic control
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Vacuum range check	mbar	Electronic control
Maximum vacuum advance	° Crankshaft	—
Spark plugs	NGK/Champion	
Type	BPR6ES / RN9YC	
Electrode gap	mm	0.70 to 0.80

Electrical system Swift 1.3i & Cabrio CAT 1992 to 1996

Battery	V / CC / RC	12 / 190 / 65
Alternator voltage / full load current / engine rpm	14.2 to 14.8 / 50 / 3000	
Starter motor current / voltage - cranking	A / V	230 to 300 / 7.7 to 9.5
- locked	A / V	310 to 780 / 2.5 to 7.7

Running gear Swift 1.3i & Cabrio CAT 1992 to 1996

Brakes -		
Front (min. friction material thickness)	mm	8.0 with backing
Rear (min. friction material thickness)	mm	6.0 with backing
Tyres		
Saloon	Size	175/60x14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	1.8 / 1.8
- Estate / Van	bar	—
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-2.0 to +2.0
Camber	+0±1°	
Castor	+3°±2°	
King pin inclination	+12°55'±3°	
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0±1.0
Camber	—	

Torque wrench settings Swift 1.3i & Cabrio CAT 1992 to 1996

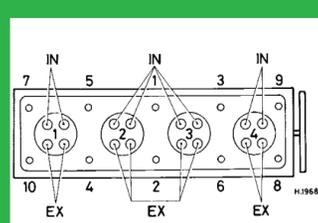
Cylinder head - stage 1	Nm	65 to 70
- stage 2	Nm	—
- stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	33 to 37
Main bearings	Nm	50 to 57
Clutch cover	Nm	18 to 28
Flywheel [driveplate]	Nm	68 to 72
Front hubs	Nm	150 to 200
Rear hubs	Nm	150 to 200
Wheel nuts / bolts	Nm	50 to 70
Spark plugs	Nm	25 to 30

Capacities Swift 1.3i & Cabrio CAT 1992 to 1996

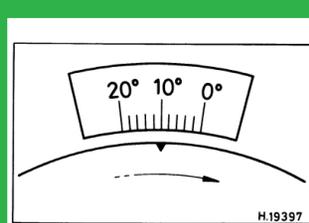
Engine oil & filter	litres	3.6
Gearbox - 4-speed [5-speed]	litres	2.4
Automatic transmission - refill	litres	—
Final drive	litres	WT
Cooling system	litres	4.7
Fuel tank	litres	40

Notes and Illustrations

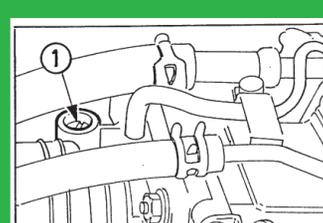
1: Idle speed 2: CO / Mixture



1298 cm³, 16V



1298 cm³, 16V



Suzuki EPI