## Swift GTi

1986 to 1989

SUZUKI

Engine & Running Torque Notes & Fuel Ignition Electrical Capacities Cooling settings Illustrations gear Automotive Technical DATA BOOK Click on one of the buttons above to view data for this car. To R return to this screen and THE BOOK make another choice, click anywhere on the data screen. MENU HELP Engine and cooling system Swift GTi 1986 to 1989 Туре DOHC 16 valve Capacity (cm<sup>3</sup>) / number of cylinders 1298 / 4 Compression ratio / pressure bar 10.0 / 10.8 **Oil pressure** bar [4.0 to 4.8] Oil temperature °C 85 Valve clearance - inlet 0: Hyd. mm - exhaust 0: Hyd. mm Firing order 1-3-4-2 No 1 cylinder position TBE Thermostat opening temperature °C 82 or 88 Radiator cap pressure 0.90 bar **Fuel system** Swift GTi 1986 to 1989 Idle speed - manual [auto] rpm  $800 \pm 50$ Fast idle speed - manual [auto] rpm CO @ idle speed [3000 rpm] - see page VI % ≤0.3 HC @ idle speed [3000 rpm] - see page VI ≤200 ppm CO2 @ idle speed [3000 rpm] - see page VI % O2 @ idle speed [3000 rpm] - see page VI % Carburettor / fuel injection Suzuki EPi (Electronic Petrol Inj.) Type / ref Main jet / needle Injection pressure bar Pump pressure 1.8 to 2.1 bar Octane rating RON 95[E 95 RON]

Ignition system			Swift GTi	1986 to 1989
Туре		Electronic		
Ignition coil		_		
Primary resistance	ohms	1.1 to 1.4		

Ballast resistor		ohms	_		
Voltage - Tmnl 15(+) to earth		V	_		
Distributor			Nippon De		
Points gap (air gap)		mm	[0.20 to 0.4	40]	
Dwell angle		° (%)	_		
Condenser capacity Rotation		μF	_ Clockwise		
Ignition timing - basic [static	° Crankshaft	@ rnm	6 BTDC @	800+50	
V = Vacuum NV = No Vacuur		erpin	0 DIDC @	000100	
Total ignition advance	° Crankshaft	@ rpm	_		
	° Crankshaft	•	_		
	° Crankshaft		_		
Centrifugal check.	° Crankshaft	@ rpm	Electronic	control	
	° Crankshaft	@ rpm	_		
	° Crankshaft	@ rpm	_		
Vacuum range check		mbar	Electronic	control	
Maximum vacuum advance	° Cran	kshaft			
Spark plugs			NGK/Chan		
Type		100 100	BPR6ES /		
Electrode gap		mm	0.70 to 0.8	0	
Electrical system				Swift GTi	1986 to 1989
Battery	V / C(	C / RC	12 / 190 /	65	
Alternator voltage / full load current				0 / _ / 3000	
Starter motor current / voltage - cra	• ·	A / V		or 300 / 7.7 (*	1.2kW)
- loc	ked	A / V	380 / 5.0 (0	0.8kW)1	
Dunning goor				Curiff OT	100/ 1- 1000
Running gear				Swift GTi	1986 to 1989
Brakes -		100 100	0.0 with he	aking	
Front (min. friction material thic	•	mm	8.0 with ba 2.8	аскіпд	
Rear (min. friction material thick Tyres	(ness)	mm	2.0		
Saloon		Size	165/65x13		
Estate / Van		Size	105/05/15		
Pressure - front / rear - Saloon		bar	_ 1.8 / 1.8		
- Estate	' Van	bar	_		
Front suspension / wheel alignme	ent				
Toe-in (+) / Toe-out (–)		mm [°]	0±2.0		
Camber			+15′±1°		
Castor			+3°10′±2°	•	
King pin inclination			+12°50′±3	0	
Rear suspension / wheel alignme		[0]			
Toe-in (+) / Toe-out (–) Camber		mm [º]	_		
Camper			_		
Torque wrench settings				Swift GTi	1986 to 1989
Cylinder head - stage 1		Nm	63 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	57 to 65		
Front hubs		Nm	150 to 270		
Rear hubs		Nm	80 to 120 50 to 80		
Wheel nuts / bolts Spark plugs		Nm Nm	20 to 30		
		INITI	2010-30		
Capacities				Swift GTi	1986 to 1989
Engine oil & filter		litres	4.0		
Gearbox - 4-speed [5-speed]		litres	2.3		
Automatic transmission - refill		litres	_		
Final drive		litres	WT		
Cooling system		litres	4.7		
Fuel tank		litres	33		

## Notes and Illustrations



1: Idle speed 2: CO / Mixture

