Engine & **Fuel** Cooling

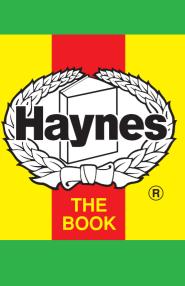
Ignition

Electrical

Running gear

Torque settings

Notes & Capacities Illustrations



Automotive Technical

make another choice, click anywhere on the data screen. **MENU HELP** Swift SF 413 GTi & CAT 1988 to 1992

Click on one of the buttons above to view data for this car. To

Oil pressure		
Oil temperature		
V/-11	!	

Compression ratio / pressure

Valve clearance - inlet exhaust

Firing order No 1 cylinder position Thermostat opening temperature Radiator cap pressure

Fast idle speed - manual [auto] CO @ idle speed [3000 rpm] - see page VI HC @ idle speed [3000 rpm] - see page VI CO2 @ idle speed [3000 rpm] - see page VI O2 @ idle speed [3000 rpm] - see page VI Carburettor / fuel injection Type / ref

Idle speed - manual [auto]

Fuel system

Main jet / needle Injection pressure Pump pressure Octane rating **Ignition system** Type

Ignition coil Primary resistance Ballast resistor Voltage - Tmnl 15(+) to earth Distributor Points gap (air gap)

Dwell angle Condenser capacity Rotation Ignition timing - basic [static V = Vacuum NV = No Vacuum Total ignition advance

Vacuum range check Maximum vacuum advance Spark plugs Type Electrode gap

Electrical system

Battery

Centrifugal check.

Alternator voltage / full load current / engine rpm Starter motor current / voltage - cranking Running gear Brakes -

Front (min. friction material thickness)

Rear (min. friction material thickness)

Tyres Saloon Estate / Van Pressure - front / rear - Saloon

Front suspension / wheel alignment Toe-in (+) / Toe-out (-) Camber Castor King pin inclination Rear suspension / wheel alignment

Camber

Spark plugs

Cooling system

Fuel tank

Torque wrench settings Cylinder head - stage 1 - stage 2 - stage 3 - stage 4

Toe-in (+) / Toe-out (-)

Big-end bearings Main bearings Clutch cover

Flywheel [driveplate] Front hubs Rear hubs Wheel nuts / bolts

Capacities Engine oil & filter Gearbox - 4-speed [5-speed] Automatic transmission - refill Final drive

Notes and Illustrations

¹CAT: 95 [U]

1298 cm³, 16V

Engine and cooling system Capacity (cm3) / number of cylinders

bar

bar

°C

mm

mm

°C

bar

rpm

rpm

ppm

%

% %

bar

bar

RON

ohms

ohms

٧

mm ° (%)

μF

mbar

mm

A/V

A/V

mm

mm

Size

Size

bar

bar

mm [°]

mm [°]

Nm

litres

litres

litres

litres

litres

litres

2: CO / Mixture

H.19397

EPi

20° 10° 0°

1298 cm³

° Crankshaft

V/CC/RC

locked

- Estate / Van

° Crankshaft @ rpm

° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm

° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm

1298 / 4

[3.5 to 4.3]

0: Hyd.

0: Hyd.

1-3-4-2

82 or 88

850±50

 1.0 ± 0.5

≤1200

Suzuki

1.8 to 2.1

2.5 to 2.6

Computerized

Nippon Denso

[0.20 to 0.30]

Clockwise

6±1 BTDC @ 850±50

Electronic control

Electronic control

NGK/Champion

0.70 to 0.80

12 / 190 / 65

BPR6ES / RN9YC

Swift SF 413 GTi & CAT

14.2 to 15.0 / _ / 3000

230 to 300 / 7.7 to 9.5

310 to 780 / 2.5 to 7.7

Swift SF 413 GTi & CAT

3.0

1.0

175/60x14

1.8 / 1.8

-2.0 to +2.0

+12°55′±3°

Swift SF 413 GTi & CAT

 $+2.0\pm2.0$

65 to 70

33 to 37

50 to 57

18 to 28

57 to 65 150 to 200

50 to 70 25 to 30

3.6

2.4

WT

4.7

40

150 to 200

Swift SF 413 GTi & CAT

+0±1° $+3^{\circ}\pm2^{\circ}$ 1988 to 1992

1988 to 1992

1988 to 1992

1988 to 1992

0.72 to 0.88

TBE

0.90

85

return to this screen and

1988 to 1992

G13B DOHC 16V 75kW

10.0 / >10.8 Swift SF 413 GTi & CAT

EPi (Electronic Petrol Inj.) 95[E 95 RON]1 Swift SF 413 GTi & CAT 1988 to 1992

EPi

1: Idle speed