**SUZUKI** Engine &

Cooling

**Fuel** 

Ignition

Electrical

gear

Running

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 Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

Nm

litres

litres

litres

litres

litres

litres

<sup>o</sup> Crankshaft

V / CC / RC

locked

- Estate / Van

° Crankshaft @ rpm

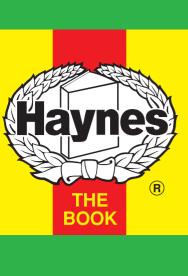
° Crankshaft @ rpm ° Crankshaft @ rpm ° Crankshaft @ rpm

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

Torque settings

Capacities

Notes & Illustrations



## Automotive Technical

click anywhere on the data screen. **MENU HELP** 1989 to 1992

Click on one of the buttons above to view data for this car. To return to this screen and make another choice,

1989 to 1992

Oil pressure	
Oil temperature	
Valve clearance - inlet	

**Engine and cooling system** 

Capacity (cm<sup>3</sup>) / number of cylinders

Compression ratio / pressure

- exhaust Firing order No 1 cylinder position

Thermostat opening temperature Radiator cap pressure Fuel system

Idle speed - manual [auto] 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 Main jet / needle Pump pressure

Injection pressure Octane rating **Ignition system** Type Ignition coil Primary resistance

Ballast resistor Voltage - Tmnl 15(+) to earth Distributor Dwell angle

Points gap (air gap) Condenser capacity Rotation Ignition timing - basic [static V = Vacuum NV = No Vacuum Total ignition advance

Centrifugal check. Vacuum range check Maximum vacuum advance Spark plugs

Electrode gap **Electrical system Battery** Alternator voltage / full load current / engine rpm Starter motor current / voltage - cranking

Type

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

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

Big-end bearings

Wheel nuts / bolts

Spark plugs

**Capacities** 

Engine oil & filter

Main bearings Clutch cover Flywheel [driveplate] Front hubs Rear hubs

- stage 4

Gearbox - 4-speed [5-speed] Automatic transmission - refill Final drive Cooling system Fuel tank

Notes and Illustrations

<sup>1</sup>ESA (electronic spark advance)

1590 cm<sup>3</sup>

1: Idle speed 2: CO / Mixture 20° 10° 0° 1590 cm<sup>3</sup>

85

0.88

1590 / 4 8.9 / 10.8 [3.5 to 4.3] 0.08 to 0.12 0.08 to 0.12 1-3-4-2

Swift SF 416i & 4x4 G16B SOHC 16V **TBE** 82 or 88

Swift SF 416i & 4x4 800±50 [900±50]  $1.0 \pm 0.5$ ≤1200

Suzuki SPI with ECM control 1.6 to 2.1 95[E 95 RON]

Swift SF 416i & 4x4 Electronic<sup>1</sup> 1.08 to 1.32 Nippon Denso 0.20

Clockwise 5±1 BTDC @ idle NV Electronic control

Electronic control NGK/Champion BKR6E / RC9YCC 0.70 to 0.80 Swift SF 416i & 4x4 12 / 28 or 38Ah 14.2 to 14.8 / \_ / 2500

8.0 with backing 2.8 165/65x14

Refer to decal on car

310 to 600 / 2.5 to 7.7 Swift SF 416i & 4x4

230 to 270 / 8.7 to 9.5

-2.0 to +2.0+0±1°  $+3^{\circ}\pm2^{\circ}$ +12°55′±3°

Swift SF 416i & 4x4

65 to 70

33 to 37

50 to 57

18 to 28

57 to 65

50 to 70 20 to 30

3.3

150 to 200

150 to 200

2.2. 4x4: 4.5

Swift SF 416i & 4x4

2.0 4x4: 1.1 4.9 40

H.19397

Suzuki SPi