

Engine Data
2000 cc 4 Cylinder engines

SD1 Series 2, 2000, 1982 to 1984

Engine type 20H Single overhead camshaft

Firing order: 1,3,4,2

Compression Ratio's 9.0:1

Oil Pressure Running 4.2 to 6.3 bar (60 to 90 lbf/in²)

" " Idle 2.8 to 4.2 bar (40 to 90 lbf/in²)

Cylinder pressure 10.5 to 11.9 kgf/cm² (150 to 170 lbf/in²)

Idle speed 775± 25 RPM

CO reading at idle 2.0% to 3.0%

Ignition timing @ 2500 RPM 25° B.T.D.C. (Vacuum disconnected)

Tappet clearance (standard) 0.30 ± 0.03 mm (0.012 ± 0.001 in)

Adjust only if less than 0.02 mm (0.008 in)

Distributor

Type Lucas 48 D 4 rotation anti-clockwise.

Dwell angle 47° to 59°

Contact gap 0.35 to 0.40 mm (0.014 to 0.016 in)

Coil Unipart GCL 130. Ballast resistance 1.3 to 1.5 ohms

Spark plugs Unipart GSP 361. Gap 0.90 mm (0.035 in)

Carburettor twin SU HIF 44 WITH Solex F.A.S.D.

Specification No FZX 1383

Jet 2.5 mm (0.100 in)

Needle size BFG

Spring colour Red

SD1 Series 2, 2000, 1985 on (with electronic mixture control)

Engine type Single overhead camshaft

Firing order: 1,3,4,2

Compression Ratio's 9.0:1

Oil Pressure Running 4.2 to 6.3 bar (60 to 90 lbf/in²)

" " Idle 2.8 to 4.2 bar (40 to 90 lbf/in²)

Cylinder pressure 10.5 to 11.9 kgf/cm² (150 to 170 lbf/in²)

Idle speed manual 750± 50 RPM

Idle speed Auto 800± 50 RPM

CO reading at idle 2.5% ± 1%

Ignition timing @ 2500 RPM 25° B.T.D.C. (Vacuum disconnected)

Tappet clearance (standard) 0.30 ± 0.03 mm (0.012 ± 0.001 in)

Adjust only if less than 0.02 mm (0.008 in)

Distributor

Type Lucas 65 DM 4 rotation anti-clockwise.

Coil Ducellier 520 067A

Ignition module Lucas AB14

Spark plugs Unipart GSP 4563. Gap 1.0 mm (0.040 in)

Carburettor twin SU HIF 44E (with electronic mixture control)

Specification No FZX 1450

Jet 2.5 mm (0.100 in)

Needle size BFX

Spring colour Red

Fuel and needle seat 0.070 in