

DG-1000 S +T

Control surface sealings and turbulators

25.4 mm= 1 in., 1 m = 3.2809 ft.

1. Wings - upper surface

- 30003125 Mylar sealing 0.19 x 22 mm without glue, curved
- 70000253 Tesafix No. 4965, 9 mm wide, 50 m roll glue film
- 70000229 Tesafilm 4104 white, 19 mm wide, 66 m roll PVC tape

2. Wings - lower surface

- 30003300 Noppenband 10m roll (dimple turbulator tape)

3. Ailerons (sliding surface and internal sealing)

- 30003136 Teflon-glass fabric 0.08 x 38 mm, 33 m roll selfadhesive
- 70000229 Tesafilm 4104 white, 19 mm wide, 66 m roll PVC tape

4. Horizontal tailplane

- 30003129 Zig-zag turbulatortape 60 degree 0.4 mm thick
- 30003125 Upper surface: Mylar sealing 0.19 x 22 mm without glue, curved
- 30003124 Lower surface: Mylar sealing 0.19 x 22 mm without glue, flat
- 70000253 Tesafix No. 4965, 9 mm wide, 50 m roll glue film
- 70000229 Tesafilm 4104 white, 19 mm wide, 66 m roll PVC tape

5. Vertical tailplane

- 30003142 Zig-zag turbulatortape 60 degree 0.8 mm thick
- 30003128 Mylar sealing 0.19 x 30 mm without adhesive, curved, leading edge scarfed
- 70000253 Tesafix No. 4965, 9 mm wide, 50 m roll glue film
- 70000229 Tesafilm 4104 white, 19 mm wide, 66 m roll PVC tape
- 70000295 Internal sealing: 3M Scotch V-seal weatherstrip Cat.Nr.2101
5.2 m roll

Parts for the powerplant

a) necessary for the 25 hours inspection

60510806 Spark plugs Bosch W5AC electrode gap 0.5 mm (.02 in.)

Caution: The removable cap must be secured with a little bit of Loctite 638 on the thread prior to installation

40050360 Spark plug S36 (Bosch W5AC electrode gap 0.5 mm (.02 in.)) with screw cap fastened to the thread by crimping, marked with a red dot of paint on the insulator

60507571 MANN-fuel filter 500009180 WK 31/2(10)

60500150 Gaskets for exhaust manifold (2 pieces needed)

60500142 Air intake filter

70002200 Oil for airfilters with cottonfabric K&N 99-05046

b) Spare parts

45002085 Spark plug connector PVL, 5kOhm, SOLO Nr. 2300701

60510601 Ignition coil Prüfrex MTZ 120/1 or compatible

60500131 Starter motor: S.J.C.E. Typ 101, 12 Volt, 0,4 kW

60510829 Poly-V belt 4PK755 (4 ribs, profile PK) length: 755 mm

39001031 Exchange kit nuts and bolts for 200 h overhaul

45002081 Gasket for muffler (2 pieces necessary)

60000209 Gas strut for ext.-retr. drive

G10 23 0300 1 0676 AU19 GZ10 01000N

60000154 Gas strut for propeller-stopper

G06 15 0070 0 0222 AG27 GZ07 00080N

60000742 Rubber-buffer D4045 for propeller-stopper and landing-gear over-centre lock

60502240 Spindle-drive HG 7000-12-300-30

41070460 CHT probe

60500163 Sealing gasket (for CHT probe)

60001115 Clamps XO for 6mm bungee (bungee for retaining cable)

Rubber mounts for engine suspension:

45002079 Upper engine mount (4 pieces necessary)

45002080 Lower engine mount (2 pieces necessary)

Parts for fuel system

60507550 Drainer CAV 110 (1/8" NPT)

Warning: Replace the sealing ring of the drainer against partno. 60504402 prior to installation

60504402 Sealing ring for drainer CAV 110 (for automotive fuel)

60507560 Electric fuel pump Facet 40105

60507558 Refuelling pump KAVAN 12 V up to ser. no. T28

60507562 Refuelling pump Facet 60106 from ser. no. T29 on

60500164 mechanical pump

60507571 MANN-fuel- filter 500009180 WK 31/2(10) for refuelling pump

41070521 Fuel distributor 10M52/1 with filter for primer valve and restriction for excess fuel line

60000527 Fuel cock KH 1072 T

60507609 Coupling for fuel filler hose KL-006-0 WR513

60503070 Primer-valve IWP069

45001604 Full tank sensor

60000103 Fuel hose PU hydrolyse and microbe-resistant 6x1,5x9 mm

60000102 Fuel hose PU hydrolyse and microbe-resistant 8x2x12 mm

Parts for the electrical system

- 60510898 Battery 12V 17Ah
- 41076000 DEI-NT-DG1000T
- 41076010 Control unit-NT 10E601

- 60510815 Limit switch 164-025 05 for positions engine extended and for stopping the engine
- 60510463 Limit switch for propeller-stopper 164-564
- 60510464 Limit-switch engine retracted and engine extended 164-574
- 60510484 Manual extension-retraction switch MTG 206 S
- 60510854 Key switch 3 Pos, 2 Pol KL09-1908KA (Master switch)
- 60510372 Press-button DJET 07.17502.21 for starter
- 60510375 Press-button 12G2904 for refuelling pump

- 60510385 Circuit breaker ETA 2A
- 60510386 Circuit breaker ETA 3A

- 60510436 Fuse 535257 60 A for battery
- 60510435 Fuse socket for battery fuse 60 A

- 60510550 Proximity switch Insor INCT 1212
- 40871350 Proximity switch ready assembled with wiring and plug

- 10002317 Preh plug for 12V sockets

In case you are not sure about the required part, just sent us a Photo!