

XG 63 rev1 M,L - repaired 2022-2-8

- The „repaired” points:
- The accelerator Samson line has to be stretched after splicing and sewing (the same way as D-Pro 3mm and DC 300) including the tie-ball knot (after the knot which is inside the tie ball has been made) with force of 100 daN (to avoid stretching during life span of a wing)
 - The B-riser D-Pro 3 mm line is sewn with zig-zag stitching all the way long
 - The gliders (or spare risers) will be delivered with following spare parts:
 - D-Pro 3 mm B-riser line.....1 pair
 - DC 300 All-riser line.....1 pair (will be packed in a small plastic bag)

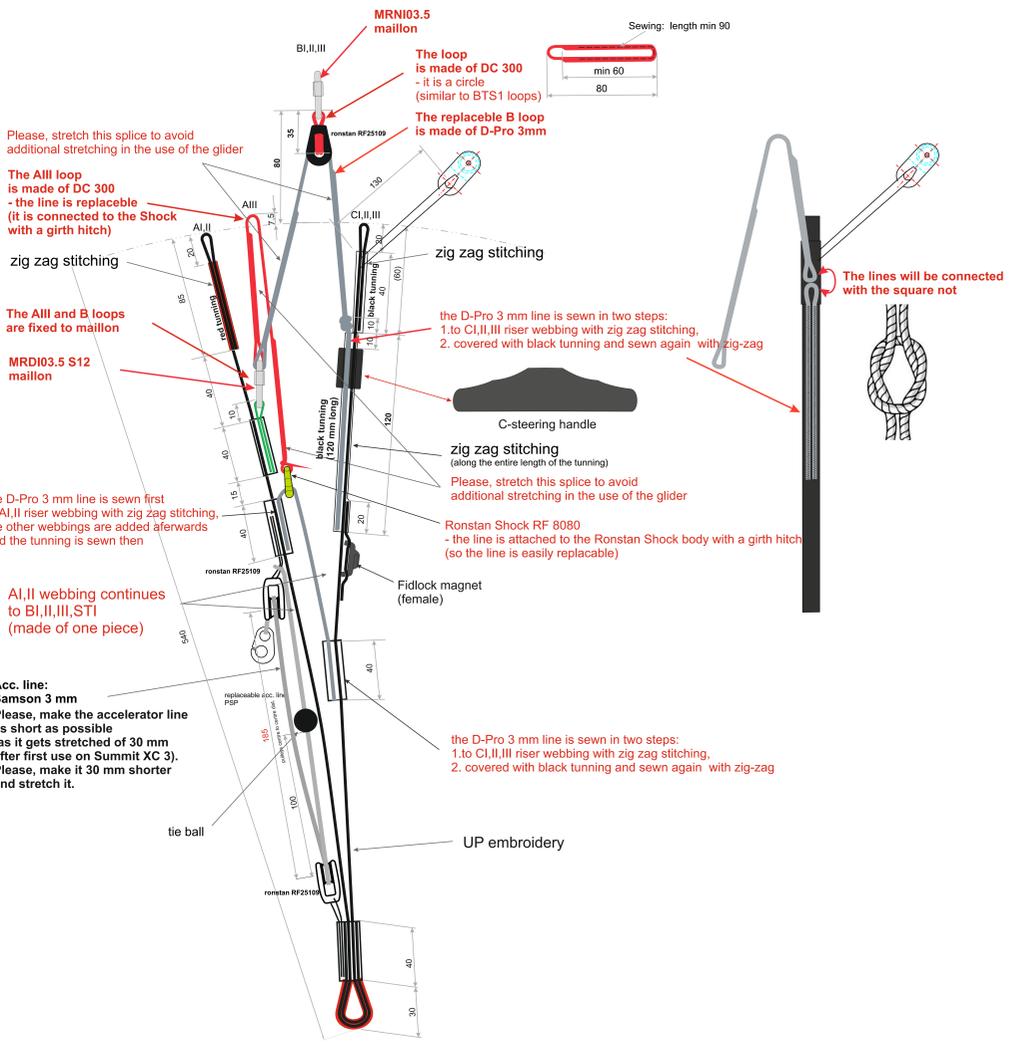
- The risers are based on Kangri risers - some important points:
- The AI,II riser and the CI,II,III risers are made of one piece
 - The main carabiner loop is made of two webbing layers
 - The BI,II,III maillon is sliding - connected with pulley
 - The BI,II,III loop is made of D-Pro 3mm, it is connected to a loop made of D-Pro 3 mm on the CI,II,III riser
 - There is an additional loop for AIII line made of DC 300

Material:
 Riser webbing Cousin - Kevlar 12 mm - drawn with black lines
 DC 300 RED - drawn with red line
 D-Pro 3mm GREY - drawn with grey line
 Softer 12 mm webbing (used for accelerator webbing of Summit XC r3 risers) - drawn with green line

- Instruction for the DC 300 line and D-Pro 3 mm line splicing:
- the seam allowance is 100 mm,
 - the splice length is 70 mm
 - stitching length is continuous from one to the another loop
 - the loop length is 30 mm
 - bar tack (on each end of stitching), the thread ends are melted
 - the lines have to be stretched after splicing and sewing with force of 100 daN (to avoid stretching during lifespan of a wing)



Maillons:
 AI,II maillons: Standard delta shape MRDI03.5 S12
 BI,II,III,STI maillons: Standard oval MRNI03.5
 CI,II,III maillons: Standard delta shape MRDI03.5 S12
 AIII maillons: Oval shape smaller diameter MRNI02.5



Length of risers - trim speed:	Length of risers - fully accelerated (pulley to pulley):
AI,II: 540mm	AI,II: 375mm
AIII: 547,5 mm	AIII: 424 mm
BI,II,III,STI: 620mm	BI,II,III,STI: 537,5mm
CI,II,III: 540mm	CI,II,III: 540mm

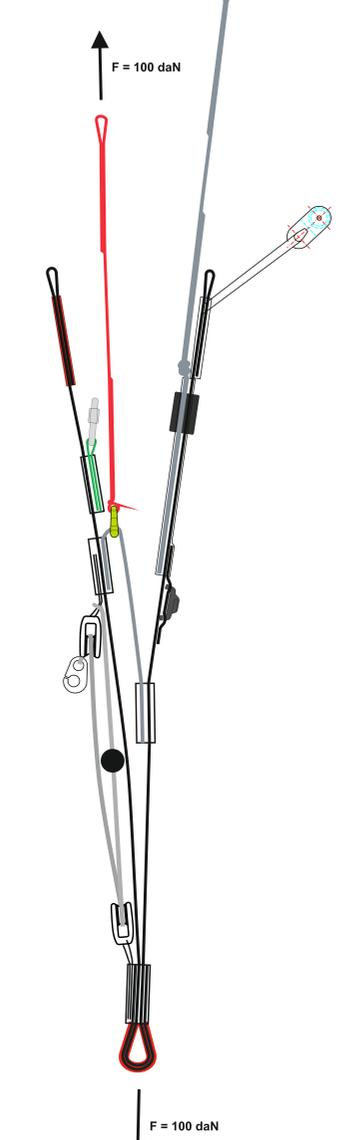
Stretching instruction

- B-riser D-Pro 3mm line is stretched after connecting to the C riser
- AIII-riser DC 300 line is stretched after connecting to the Shock
- Accelerator line and spare lines are stretched without connecting to the risers

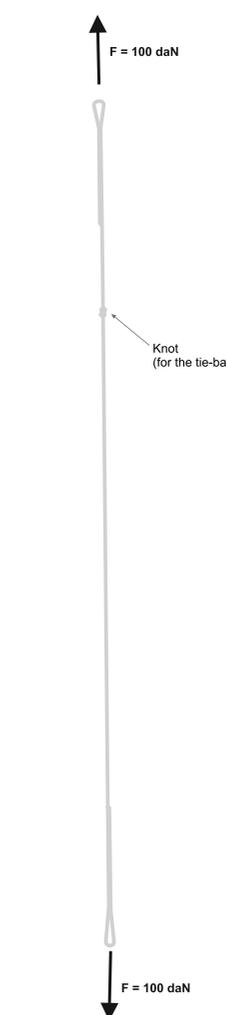
D-Pro 3 mm B-riser line



DC 300 AIII-riser line



Samson accelerator line



Spare D-Pro 3mm and DC 300 lines (delivered with a glider (or spare risers))

