

Flex-G Minor Modifications onto the Flex-G Serial Number 01 (SN01)

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Long bones

bone core

support

Flex-G (SN01)

Flex-G (SN02 or later)

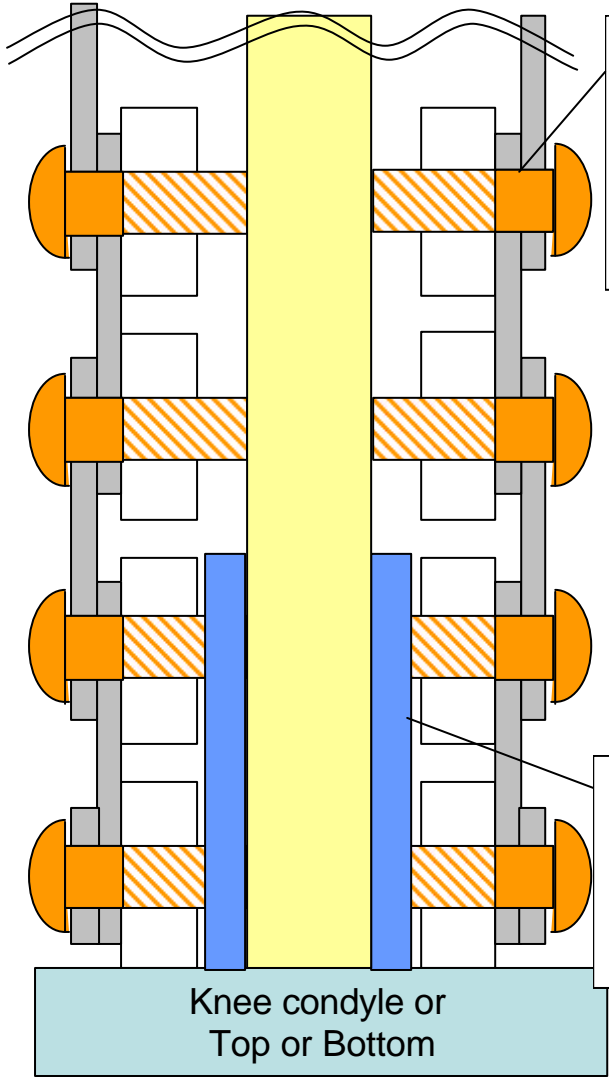
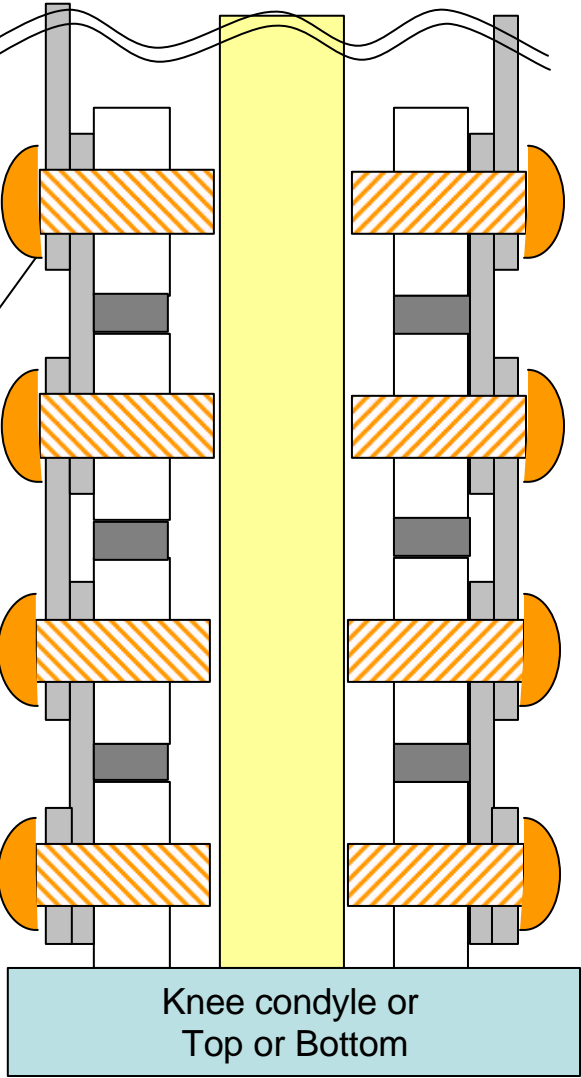
⊗ Impact direction

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Need to make small gap by users

stop at a certain depth automatically and make a small gap automatically

added support spacers to sustain the bone core more strongly

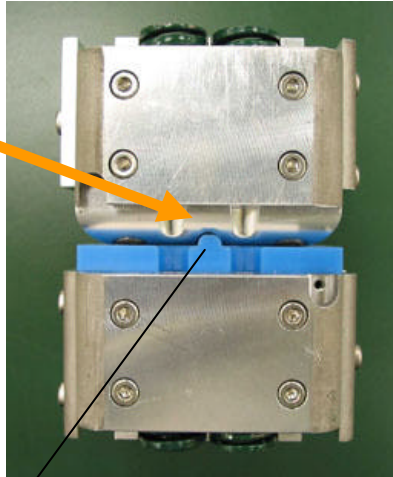


Knee joint (1)

surface of condyle

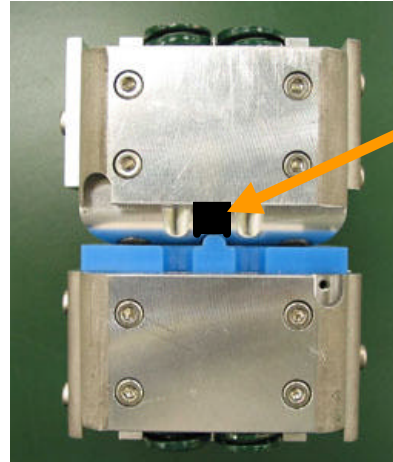
Flex-G (SN01)

Side view

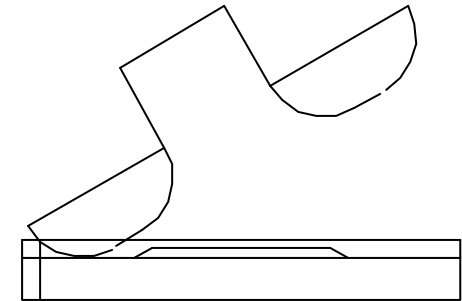
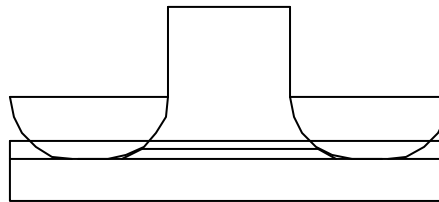


Flex-G (SN02 or later)

Side view



condyle eminence is attached to the groove

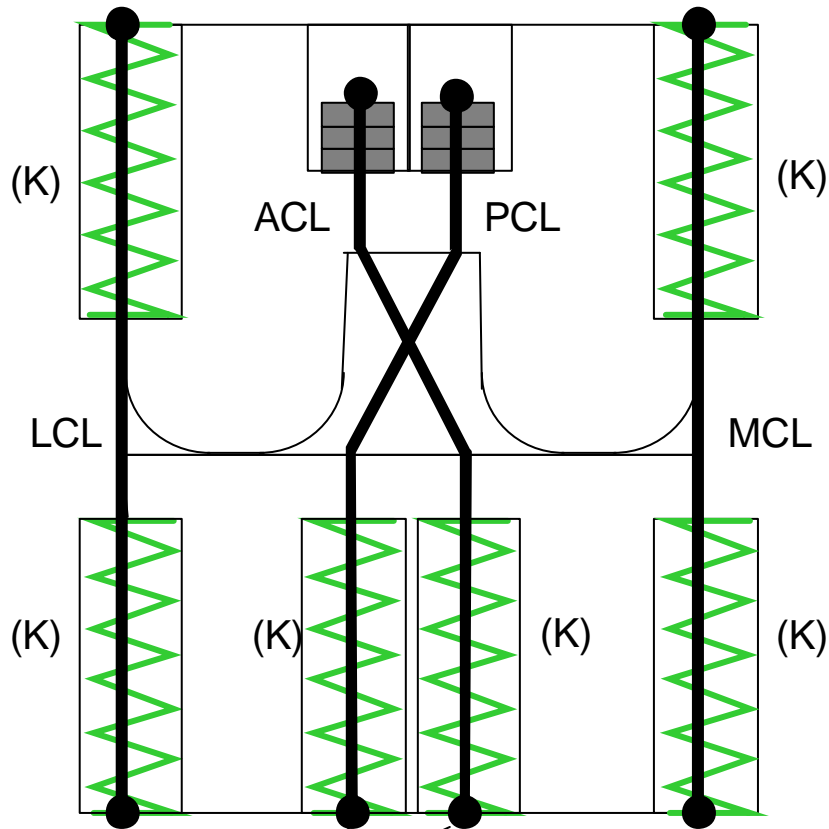


tend to do not make damage at the condyle eminences.

Knee joint (2)

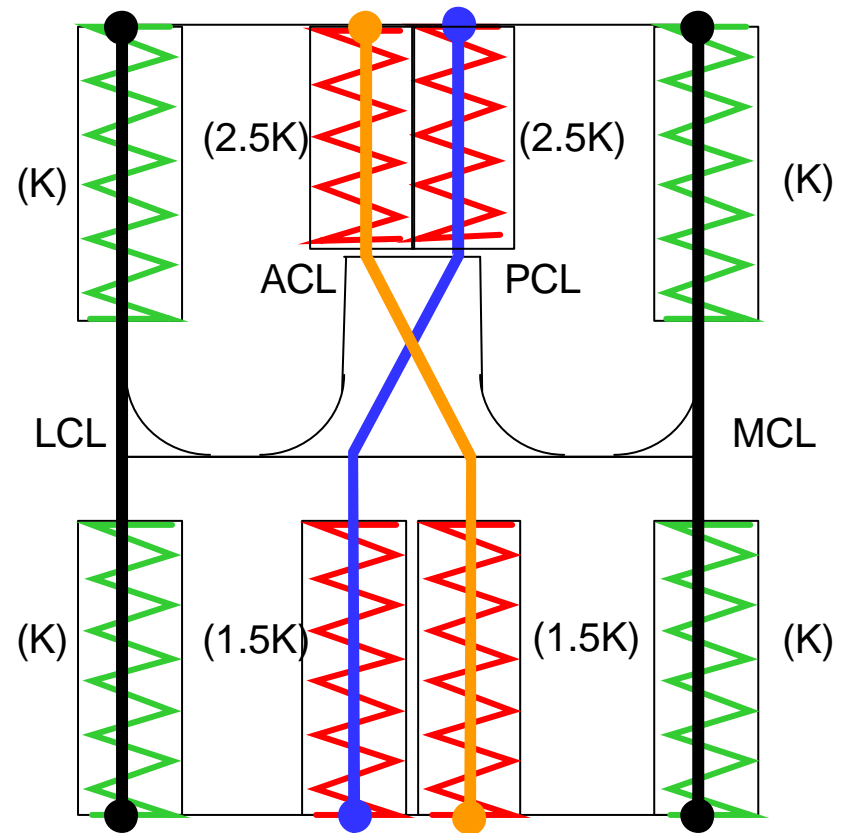
knee spring

Flex-G (SN01)



only one side cables are moving

Flex-G (SN02 or later)



0.94 K
(combined stiffness)

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(combined stiffness)

can move both side of the cables (same as LCL/MCL)

Assembly Dynamic Certification Test

