

Subject: Landing gear drive

Effectivity: Sailplane LS1, version f

Accomplishment: In a few cases damage to the landing gear drive occurred during use of extreme spring travel. By use of a special link spring travel was increased considerably and thus the possibility of damage lowered.

Reasons: Exchange of tubular link of ca. 80mm length against three flat links.

Instructions:

1. Take canopy off the fuselage and place fuselage upside down onto a jack, mind the instrument panel!
2. Take out the wheel (19mm width over flats of hexagonal nut and 6mm pin), pull brake anchor plate out of the hub and leave it at the cable.
3. Take out tubular link of ca. 80mm length (10mm width over flats of hexagonal nut). Watch mounting direction of bolts.
4. Insert 3 flat links with bushes. "Straight" end of links should point towards you, curved end has to be inserted from the rear through under the swinging crank. The flat links do have sufficient side play on the bushes.

Material:
3 flat links R2-6/7.8.75
2 bushes R2-21/7.8.75
2 self locking nuts M6 LN 9348

Weight: negligible

Remarks: All material may be obtained from the manufacturer.

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Heupler