

SHEET:
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ASW 19 Maintenance Instruction I
ASW 20 Maintenance Instruction L
Issue I

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Subject: Exchange of the fourth elevator pushrod in the fuselage.

Affecting: All ASW 19 and ASW 20 production series.

Action:

1. Prior to removing the pushrod, it must be checked whether the ball bearings of the pushrod guides move. If one or several ball bearings do not move, the corresponding push rod guide 99.000.2090 must be exchanged. See "Notes:" hereafter.
2. Drill a hole into the bottom right side of the fuselage tail boom / fin (location is shown in the drawing 190.37.S1 or 200.37/38.S1). The diameter of the hole should not be greater than the outer diameter of the box wrench A/F 10 which you need for the job.
3. Disassemble the rudder.
4. Hold the nut M6 at the rear pushrod end using a suitably extended fork wrench A/F 10 and turn out the screw with a box wrench A/F 10 (through the drill hole).
5. Disconnect the fourth pushrod off the third pushrod. Remove the end at the front of the fourth pushrod by drilling out the four blind rivets using a bit $\varnothing 4$.
6. Pull the fourth elevator pushrod backwards out of the fuselage. Compare the length of the removed pushrod to the length of the new pushrod and check that the dimension is the same; if necessary cut into appropriate length.
7. To assemble the new pushrod proceed in the reverse order.

Material & drawings:

Fourth elevator pushrod 190.48.0006/200.48.0007.
Glass cloth in accordance with layer scheme and resin / hardener.
Drawings -
for ASW 19/19B: 190.37.S1 and 190.11.S2
for ASW 20/20C: 200.37/38.S1 and 200.11.S2
for ASW 20B: 201.37/38.S1 and 201.11.S1

Notes: Following the instructions in the SCHLEICHER Repair Manual the drilled hole is closed again.
If it becomes necessary to exchange one of the pushrod guides, a corresponding hole must be cut into the fuselage; the location of such hole is shown in the drawing 201.11.S9.

Poppenhausen, January 26, 1990

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The translation into English has been done by best knowledge and judgement; in any case of doubt the German original is controlling.

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