



MODIFICATION BULLETIN

AIRPL
MODEL
91

91. 8/5

Safir

PAGE 1 OF 1

Fuel Gauge Transmitter SA 530253. Installation of support beam on the 30 gallon fuel tank and a "No smoking allowed" sign.

URGENCY: III

EFFECT ON WEIGHT DISTRIBUTION:

TIME OF DELIVERY
FOR NECESSARY PARTS: 30th October 1948WEIGHT CHANGE
LBS.STATION
IN.MOMENT CHANGE
LBSIN.

Saab/C

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MARKING: None

Drawings: Not essentialParts required on each planeAlternative I1 Sign 562717
4 Screws 2,1x4.7 AS 212105Alternative II1 Sign 562718ur
4 Screws 2,1x4.7 AS 212105Alternative III1 Sign 562719ur
4 Screws 2.1x4.7 AS 212105Alternative IVItem
01 1 Support beam 562721ur
02 4 Rubber pad 562722ur
03 4 Rubber pad 562723ur
04 4 Rubber pad 569740ur
05 2 Seals 22.2x27 AS 215231Aircraft concerned:Alternative I91102-91104, 91111-91114, 91117-
91123, 91127-91130, 91144.
(Number of aircraft:19)Alternative II91105, 91107-91110, 91125, 91126,
91133-91135, 91143, 91148.
(Number of aircraft:12)Alternative III91106, 91115, 91136-91141
(Number of aircraft:8)Alternative IV91117-91123, 91125, 91126, 91129-
91130, 91135-91141, 91143, 91144.
(Number of aircraft:20)

Spare Parts not involved.

Owing to vibrations occurring at the attachment of the fuel gauge transmitter, the weld at the attachment has cracked on two occasions, causing leakage.

For this reason a support beam with rubber pads in accordance with the figure should be installed at the transmitter. Furthermore a sign "No smoking allowed" should be installed in the centre of the cover of the fuse box.

Working procedure

Remove the transmitter from the fuel tank.

Unfasten the cable of suspension and support the tank.

Measure the distance from the bead to the fitting.

Drill the hole in the support beam to a diameter of 7/8" (22.5 mm) and bend the forward end of the same.

Secure the rubber pads to the support beam with locking wire. Install the support beam together with the pads on the tank. See fig. Then check that the rubber pads are adequately compressed between the support beam and the tank.

Install the transmitter and the cable of suspension.

Install the sign on the cover of the fuse box.

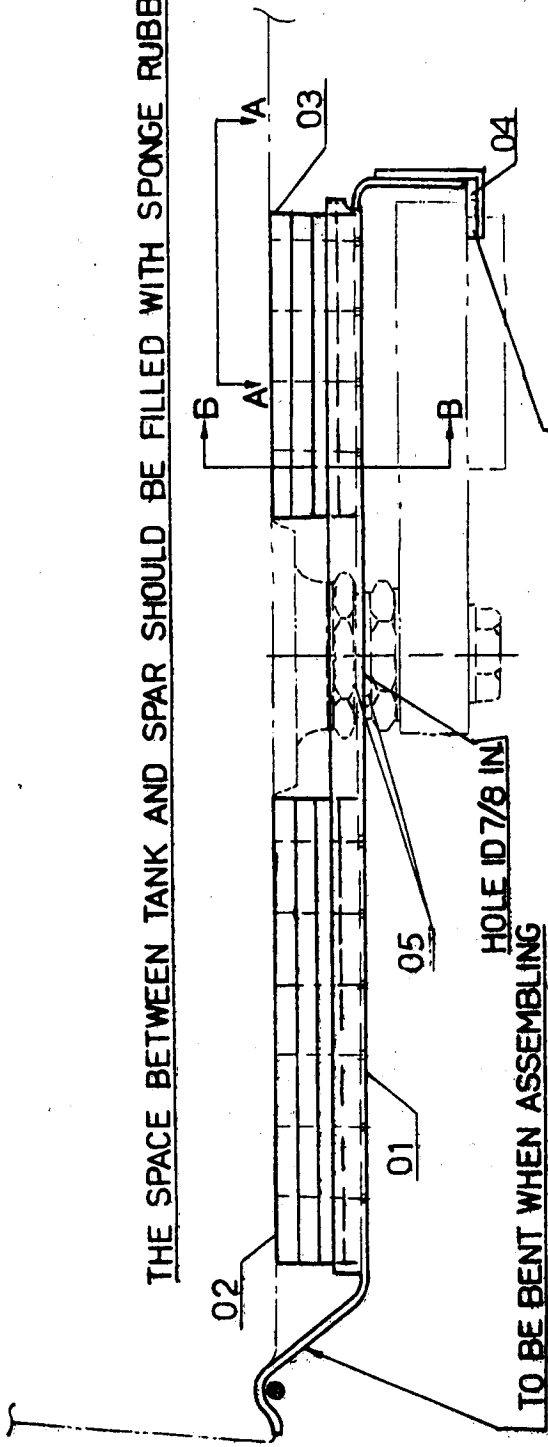
SAAB SERVICE DEPT:

SAAB DESIGN DEPT:

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*L. Larsson**O. Esping**Stapelro*

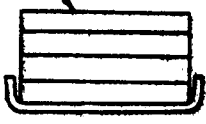
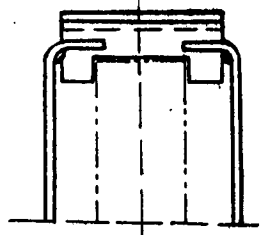
THE SPACE BETWEEN TANK AND SPAR SHOULD BE FILLED WITH SPONGE RUBBER PADS



HOLE ID 7/8 IN
TO BE BENT WHEN ASSEMBLING

FASTENED BY CEMENTING AND SEWING

RUBBER PADS TO BE SEWN FAST. LENGTH OF STITCHES APPR. 06' (15MM)



SECTION B--B

VIEW A--A

