



# MODIFICATION BULLETIN

AIRPL  
MODEL  
91  
Safir

91.4/1

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## Landing Gear Retracting Mechanism. Replacement of wires.

URGENCY: III

EFFECT ON WEIGHT DISTRIBUTION:

TIME OF DELIVERY  
FOR NECESSARY PARTS: 8 May 1948

WEIGHT CHANGE  
LBS.

STATION  
IN.

MOMENT CHANGE  
LBSIN.

Saab/C

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MARKING:

None

Drawings: Not essential

505506 Retracting mechanism

Parts required for each plane:

Item

01	2	Wires	SA 590686	
02	2	Axle bolt	4x18 AS 211601	
	4	Washers	4.1 AS 215101	Steel
	2	Cotter pins	1.5x8 AS 211401	

Following parts on each plane are

now obsolete:

2	Wires	SA 590428	} Scrap.
2	Chain locks	SA 530121	
2	Spacer tube	505769	

Aircraft concerned:

91102-91116.

(Number of aircraft: 15)

Spare parts not involved.

The chain locks on the wires of the nose gear retracting mechanism have proved to be not very reliable. For this reason the wires should be replaced by new wires connected direct to the chain.

Working procedure

Trestle the plane so that the landing gear goes clear of the ground.  
 Unfasten the nose gear support strut from the shock absorber.  
 Remove the chain locks and the leather seal, item 03 in the fig.  
 Remove the three-way cock handle and the guard plate underneath the landing gear retracting lever.  
 Unfasten the wires from the bellcrank, item 04.  
 Remove the floor panel so that the axle bolt, item 05 and the pulleys, item 06 can be unfastened.  
 Pull out the wires.  
 Attach the new wires to the chain and pull them through the sealing and via the pulleys to the bellcrank.  
 Mount the pulleys, item 06.  
 Attach the wires to the bellcrank and tighten them according to SM 1/91.  
 Attach the leather seal and the floor panel.  
 Fasten the nose gear support strut and test the landing gear.

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