



Date: February 1960

No. 91. 6. 017/B

Revised February 1961

Saab Safir 91B, 91B-2, 91C and 91D

SUBJECT: Exchange of sealings in auxiliary fuel pump with filter SA-1076238.

Availability of an improved type of clamps for the filter bowls.

REASON: When replacing the filter bowls after draining of the fuel filters it may happen that the bowls do not seal against the pump body.

The reason is that the rubber sealings in the previous material (Dichtring 1024-36 according to spare parts list 1024 B of Knappe and Becker) between the bowls and the pump body are permanently deformed of the sealing edges of the bowls.

The leaking can cause air to enter the fuel system causing low and flickering fuel pressure.

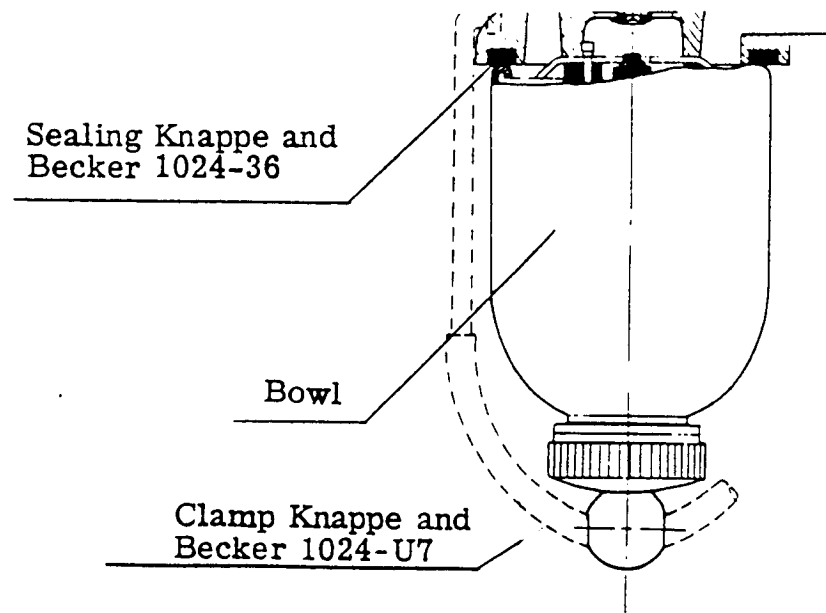


Figure 1

The improvement of the filter bowl clamps has been made because in one case a clamp was broken, probably due to a strength reduction which could arise with previously used manufacturing method.

TIME OF COMPLIANCE: See WORK PROCEDURE I, II and III below.

WORK PROCEDURE: I AS SOON AS POSSIBLE

Sealings of type 1024-36, see figure 1, shall be exchanged for new ones of better quality as soon as possible, either made by SAAB, P/N 1155687, or made by the pump manufacturer Knappe and Becker, PN 1024-36. Knappe and Becker has not changed the part number, but all future deliveries will be of the improved quality.

Note: Old stock of sealing 1024-36 should be scrapped.

Pay special attention to: para a, b, and c below when fitting the new sealings.

After fitting new sealings, a green dot should be painted on the pump housing near the numbering plate.

Pump units with Knappe and Becker serial No. from 5095 and up, are equipped with improved quality sealings from the factory.

II EVERY TIME WHEN MOUNTING THE FILTER BOWLS

At draining of the fuel filters or if the bowls for some other reason have been dismantled, check the following:

a. That the sealings will fit properly in the grooves of the pump body and are not permanently deformed (of the sealing edges of the filter bowls). In this case exchange the sealings for new ones.

b. That the filter bowl is not deformed (elliptic) and that the sealing edge is flat, smooth and well rounded.

- c. When replacing the bowl check that it will rest perfectly in the groove in the pump body and that it will seal without excessive tightening of the retaining knob. Check also that there is sufficient clearance between the filter bowl and the clamp. Do not overtighten the clamps.

III AT OWNERS DISCRETION

If any doubt arises about the condition of the clamps, e.g. due to overtightening or damages from tools, fit new clamps, preferably of the improved type.

The improvement implies that the reinforcement of the lower part of the clamp now consists of a strengthening tube instead of forging - out the clamp material.

The part No. of the clamp is unchanged, Knappe and Becker 1024-U7, but only improved type clamps will be delivered on new orders, and pump units with Knappe and Becker serial No. from 5100 and up are equipped with improved type clamps from the factory.