

INSTRUCTIONS SAT

After Sales Department (SAT)

**REPLACE RUBBER BELLOWS IN UTE-170 (INSULATOR D) MODEL
INDUCTIVE VOLTAGE TRANSFORMER**

A. GENERAL ASPECTS

The process will be to replace the rubber bellows (code 452025539) used to compensate the oil volume variations from Figure 1, by the new rubber bellows (code 452025638) and the new aluminium flange (code 553611245) seen in Figure 2.

Figure	Code	Material
Figure 1	452025539	Rubber bellows to be replaced
Figure 2	452025638	New rubber bellows
Figure 2	553611245	New aluminium flange

FIGURE 1:

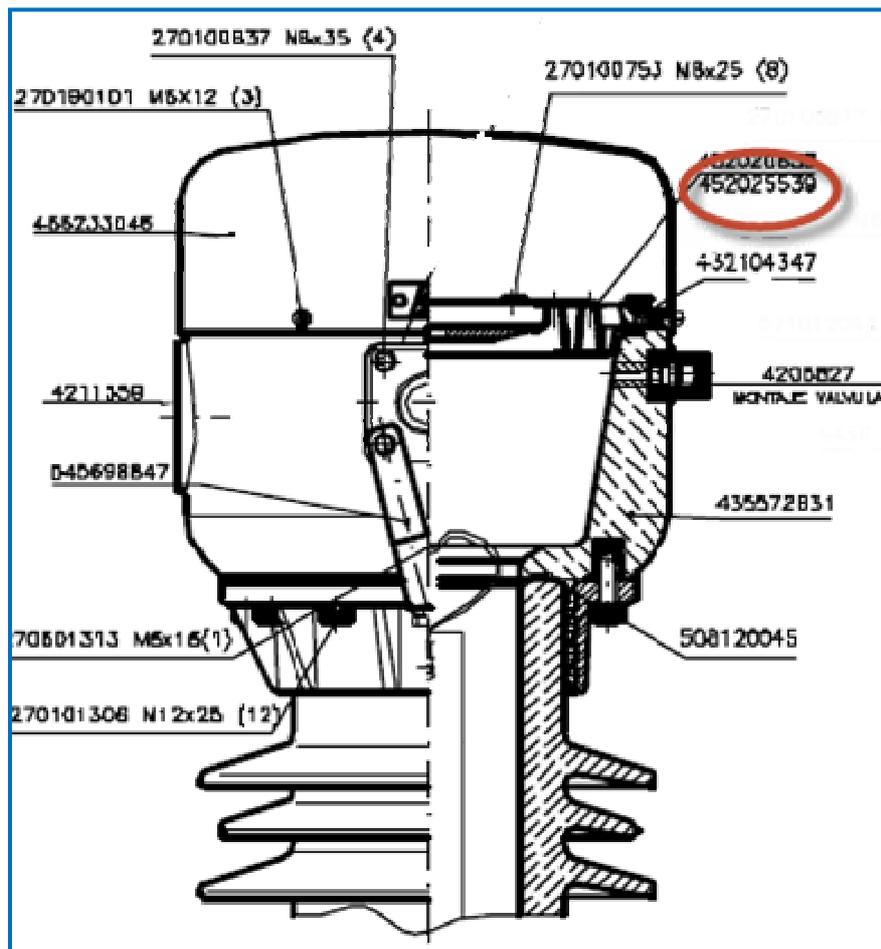
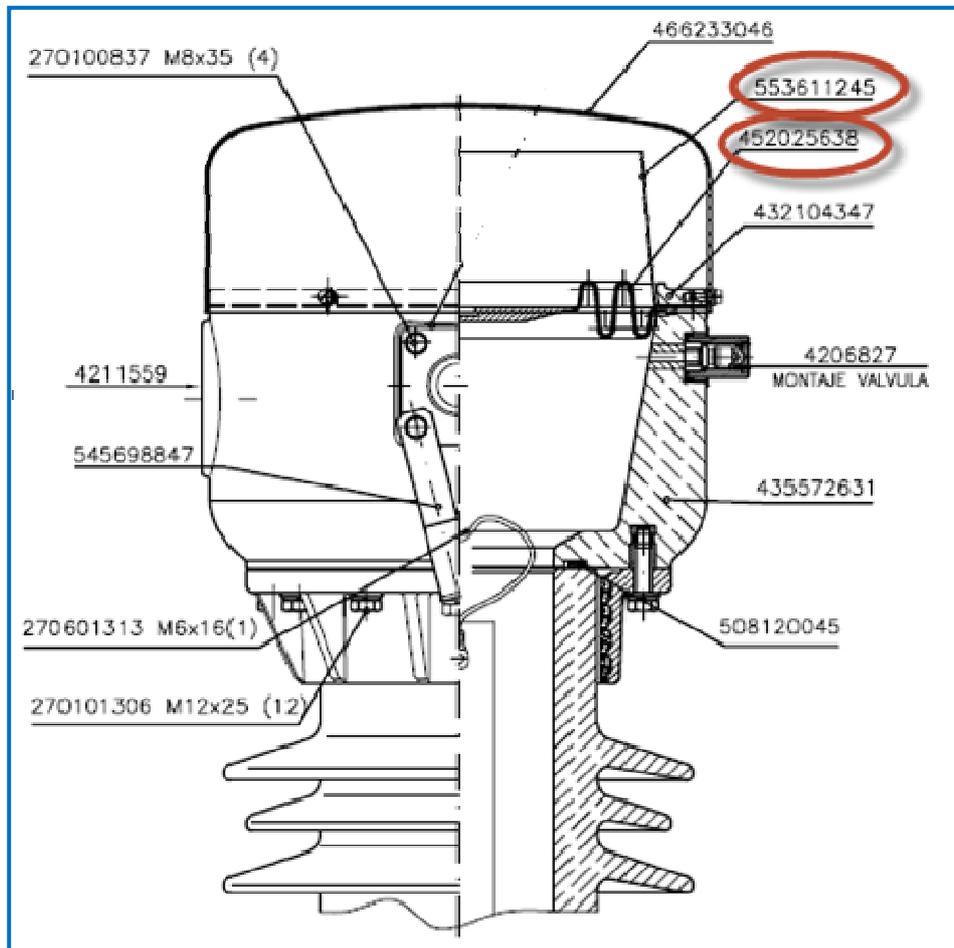


FIGURE 2:


B. MATERIAL

- Rubber bellows – 452025638.
- Aluminium flange - 553611245.

C. TOOLS

- Dynamometric spanner.
- 13 mm b/s spanner.
- Screwdriver.

D. PROCEDURE

1. View of the head of the VT, where the rubber bellows are housed.



2. Loosen the screws that hold the cover to the head.





3. Once the cover is removed, loosen the M8 screws that hold the aluminium flange (code 432104347) which at the same time is holding by pressure the rubber bellows in place.



4. Remove the aluminum flange (code 432104347).



5. Remove the rubber bellows (code 452025539) by hand, with a quick movement, to avoid any part of it sinking into the oil.



6. Place the new rubber bellows (code 452025638) as seen in the photo, applying pressure with one hand in the central part, forcing it to be in contact with the oil, while at the same time allowing the air to flow out the open part.



7. Fix the M8 screws to 20 Nm. that hold the aluminium flange which at the same time is holding by pressure the new aluminium flange and the new rubber bellows in place.



8. Place the cover again and fix the screws.

