

Periodic maintenance SLL series



WARNING

- Always disconnect the power before servicing. Failure to do so could result in electrical shock, personal injury or death.



CAUTION

- Clean the filter element quarterly. A clogged filter element can cause overheating or pump failure.

1 Filter element cleaning

- Undo the truss head screw and remove the filter cover (Ref: Fig 1-A.)
- Remove the filter element and shake out the dust by hand. (Ref: Fig 1-B) If it is heavily clogged, wash it with a neutral detergent. Rinse with water and dry it in the shade.
- Reassemble the filter element back in place and press in the filter cover.
- Fix the filter cover by the truss head screw.

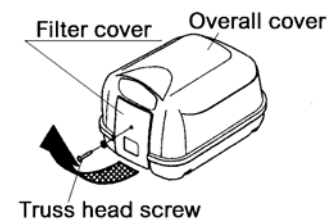


Fig 1-A

2 Replacement of filter element, filter cover packing, valve box, diaphragm

- Replace the filter element following the procedure in 1. Filter element cleaning.
- Replace the filter cover packing (Ref: Fig 1-B).
- Undo the screws (A) and remove the overall cover. In case the overall cover is hard to remove, insert a slotted screwdriver in (D) (Ref: Fig 1-C).

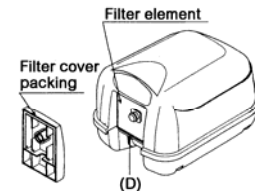


Fig 1-B

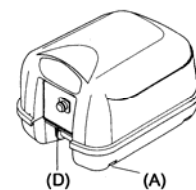


Fig 1-C

- Undo the screws (B) and remove the holder cover (Ref: Fig. 1-D).
- Undo the screws (C) and replace the valve boxes of both sides (Ref: Fig 1-D).
- Undo the nuts (E) and remove the diaphragm holders and diaphragms from the magnet. (Ref: Fig 1-E)
- Set the new diaphragm holders and diaphragms and fasten them with the nuts (E). (Ref: Fig 1-E)

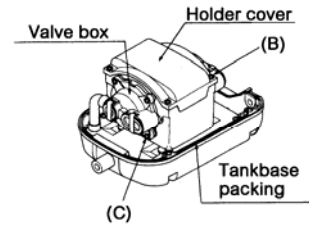


Fig 1-D

Notes:

**Use the new nuts (E) in the repair kit.
Note the locating notch for reassembly.**

- Assemble by reversing the disassembly procedure.
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Notes:

Keep the magnet from touching the solenoids.

- Check airflow and sound level before installation.

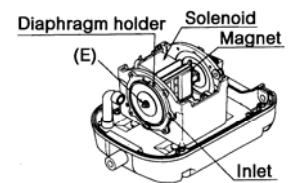


Fig 1-E



WARNING

- If the magnet contacts the solenoids during operation, it will cause damage on parts, abnormal heat, short circuiting.



DANGER

- Do not touch the live parts. Touching live parts will result in electric shock.