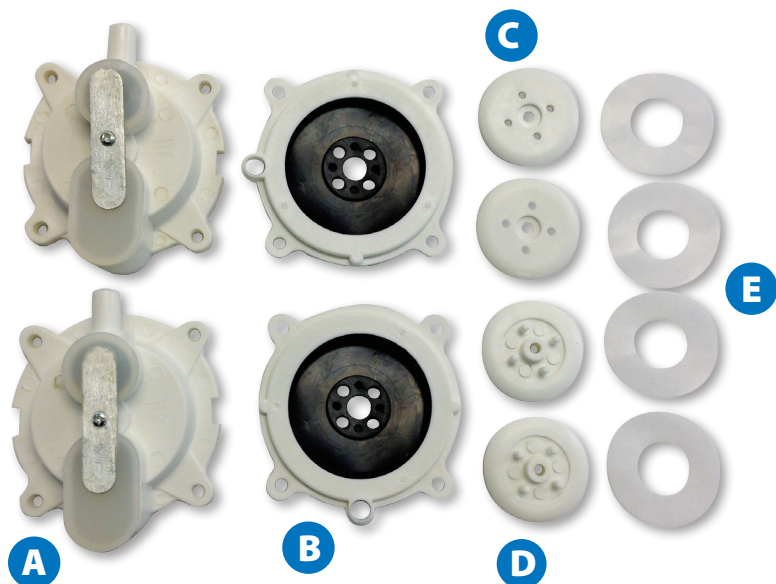
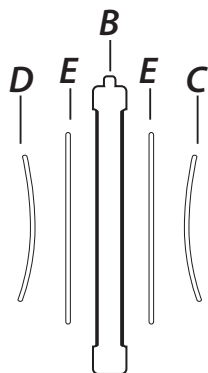


INSTALLATION INSTRUCTIONS



What's Included:

- A** 2 Outer Diaphragms
- B** 2 Inner Diaphragms
- C** 2 Diaphragm Back Boards
- D** 2 Diaphragm Front Boards
- E** 4 Protective Washers



Diaphragm Assembly



Watch the installation video at
airmaxeco.com/InstallLR25

Tools Required:

- Phillips Screwdriver
- Flat Head Screwdriver
- 7mm Nut Driver
- Small Pick Tool



Installation of your LR25 Compressor Maintenance Kit

Warning: Always unplug the unit before any maintenance.

Step 1

First, flip the compressor upside down. Use a Phillips screwdriver to remove the four screws holding down the compressor cover. Save the screws and lock washers.



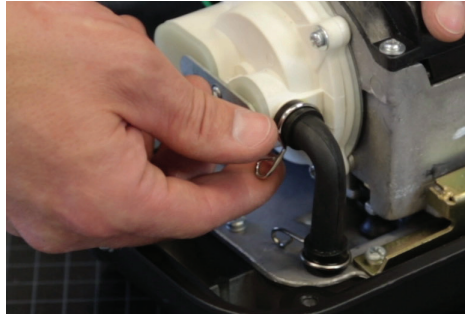
Step 2

Use a flat head screwdriver to loosen the seal of the gasket around the top compressor cover. Gently pull up on the bottom of the compressor to separate. Flip the whole unit over and remove the compressor cover and set to the side.



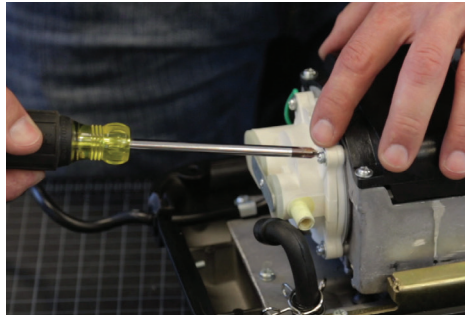
Step 3

Next, pinch the spring clamp to remove the rubber boot attached to the outer diaphragm.



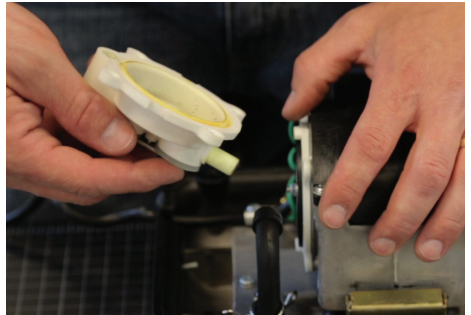
Step 4

Use a Phillips screwdriver to remove the four screws holding the outer diaphragm into place. Make sure to keep both the flat washer and lock washer with each of the four screws.



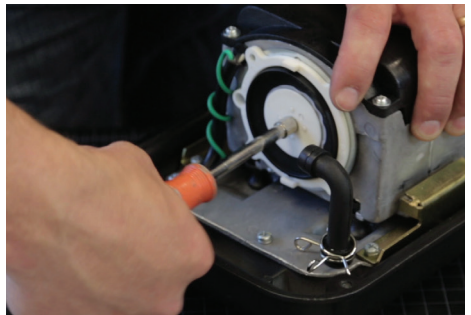
Step 5

Remove and discard the outer diaphragm.



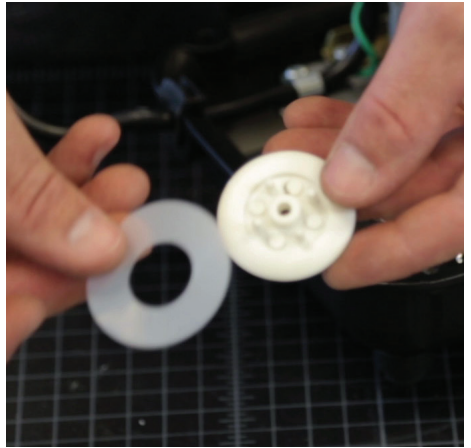
Step 6

Use a 7mm nut driver to remove the nut on the inner diaphragm. Make sure to keep the nut and two washers. Remove and discard the inner diaphragm. Take note of the two metal rings.



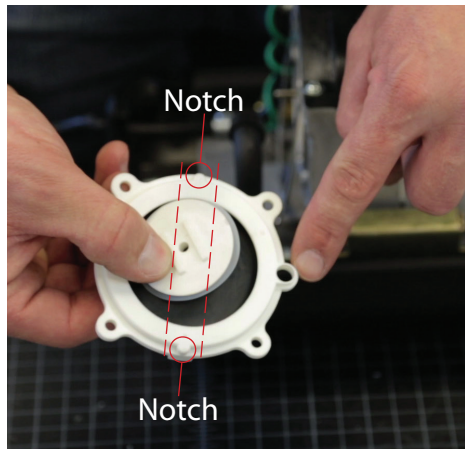
Step 7

Next, grab a new diaphragm front board. The diaphragm front board has four pegs. Apply the protective washer on top of the diaphragm front board.



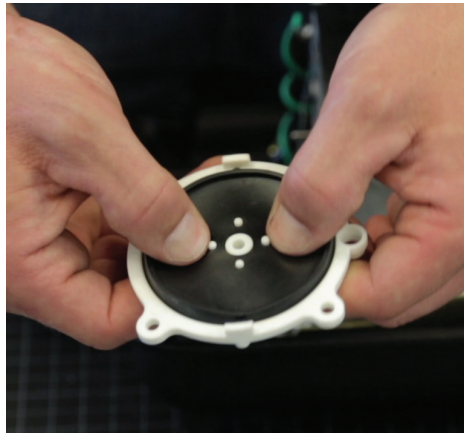
Step 8

Grab a new inner diaphragm and align the four pegs up with the four holes in the diaphragm. Align the two lines on the front board so they are pointing to the notches on the inner diaphragm.



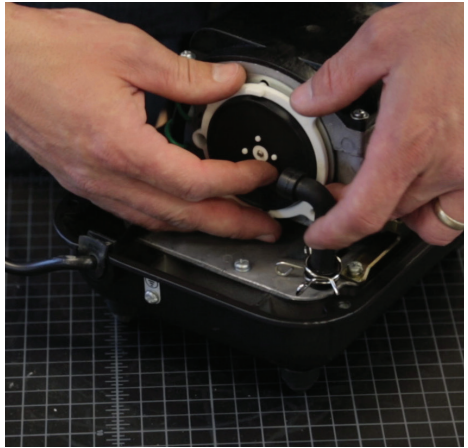
Step 9

Push the front board firmly into place and make sure the pegs come through evenly on the reverse side of the inner diaphragm.



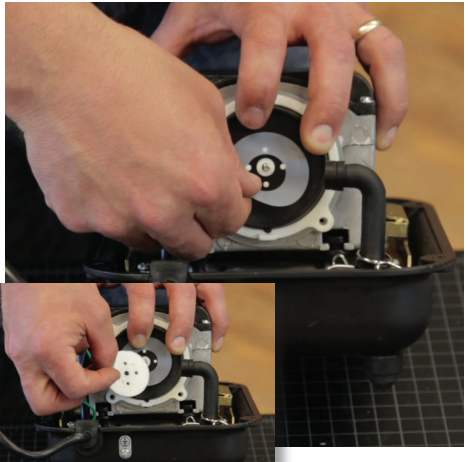
Step 10

Install the inner diaphragm into the armature with the two lines being vertical. Make sure the two metal rings are still aligned and installed between the inner diaphragm and the armature.



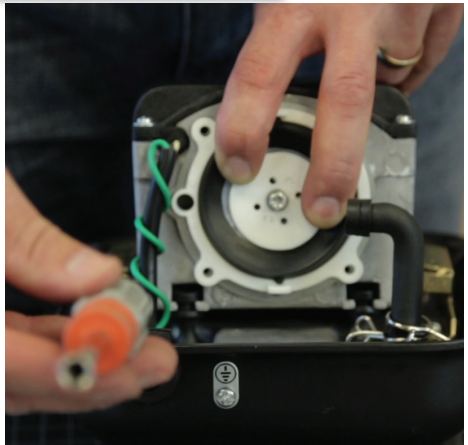
Step 11

Install the 2nd protective washer onto the inner diaphragm followed by the diaphragm backboard. The diaphragm backboard should be installed with the curved side facing inward.



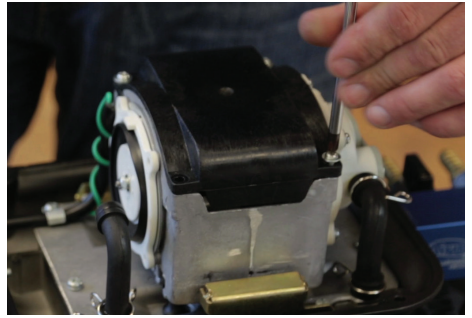
Step 12

Install the flat washer, then the lock washer and finally the nut. Use the 7mm nut driver to securely tighten the nut.



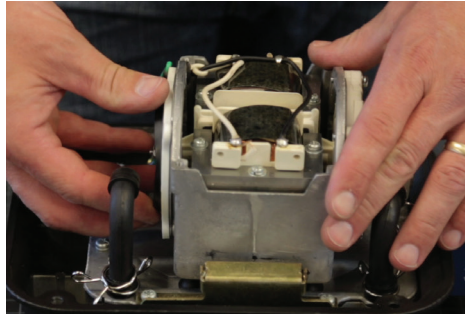
Step 13

Use a Phillips screwdriver to remove the four screws on the black top cover plate. Make sure to save the lock washers on the screws.



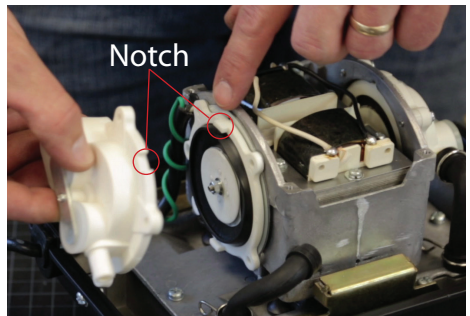
Step 14

Remove the cover and set to the side. Inspect for any dust or wear on the inside of the unit.



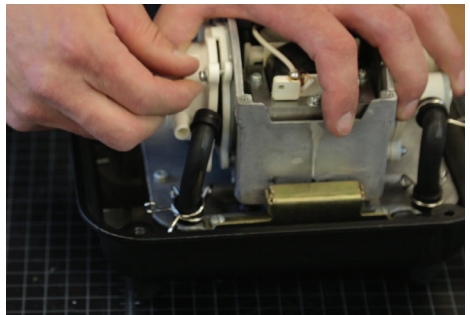
Step 15

Install a new outer diaphragm. Align the notch on the outer diaphragm to the notch on the inner diaphragm.



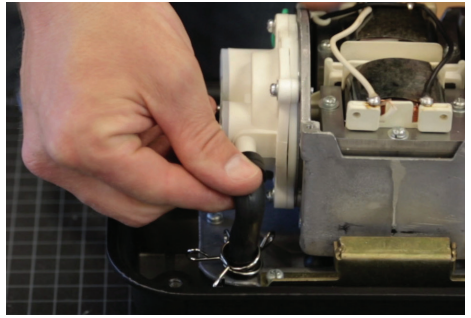
Step 16

Reuse the four screws that you removed earlier to secure the outer diaphragm into place. Pre-start the top two screws first. This will help make it easier when installing the bottom two screws. Securely tighten all four screws evenly to ensure a proper seal around the diaphragm assembly.



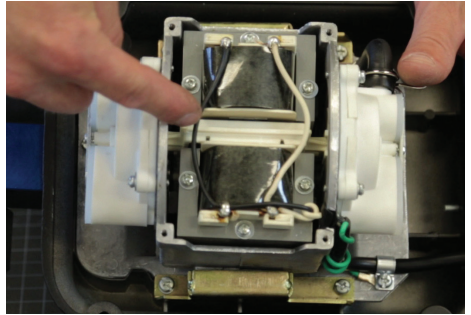
Step 17

Finally reinstall the rubber hose and spring clamp. Now that this side is complete, repeat steps 3 thru 16 for the 2nd diaphragm before moving on to Step 18.



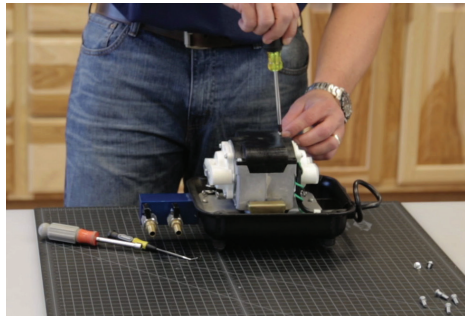
Step 18

After completing both diaphragms, double check to make sure you have proper alignment between the two stators.



Step 19

Reinstall the black diaphragm top plate. Reinstall the four screws with washers to the top plate and securely tighten.



Step 20

Reinstall the compressor cover. Flip the entire compressor upside down and secure using the four screws with washers. Tighten down firmly to complete the installation.

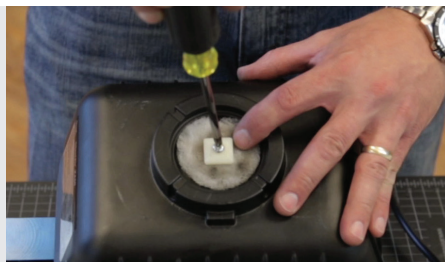
Once complete, we recommend to change the compressor air filter. See instructions on pg. 8.



Changing the Air Filter:



Step 1 Gently remove the compressor top cover plate and rubber o-ring.



Step 2 Use a Phillips screwdriver to remove the screw holding down the air filter.



Step 3 Remove the old air filter and replace with a new one.



Step 4 Reinstall the screw to hold down the air filter.



Step 5 Reinstall the rubber o-ring so the notches line up.



Step 6 Reinstall the compressor top cover plate.

THANK YOU FOR CHOOSING:

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