



Parker 74-5041 Purge Gas Generator Upgrade / Retrofit Kit Instructions

for P/N B03-0291 (115V) & B02-0292 (230V)



ENGINEERING YOUR SUCCESS.

Upgrade Instructions:

P/N B03-0291 (115V) & B02-0292 (230V)

NOTE: Before starting the compressor replacement, make sure that the electric power to the unit is disconnected.
These instructions apply to P/N B03-0291 (115V) & B02-0292 (230V) upgrade kits.

Instructions:

Step 1

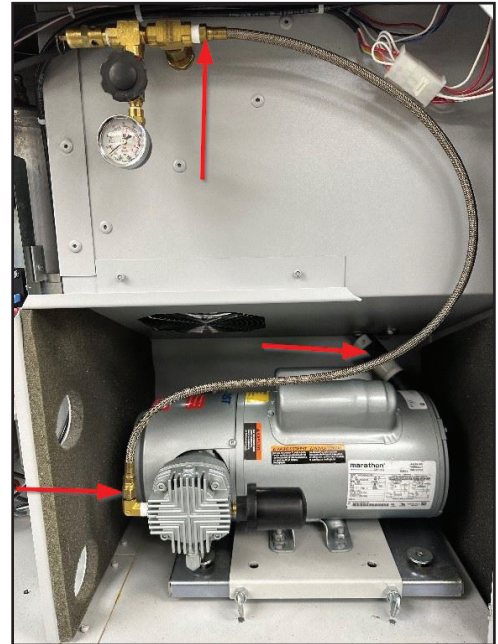
Unplug the unit and wait for the system to be depressurized.

Step 2

Remove the LEFT and RIGHT panels.

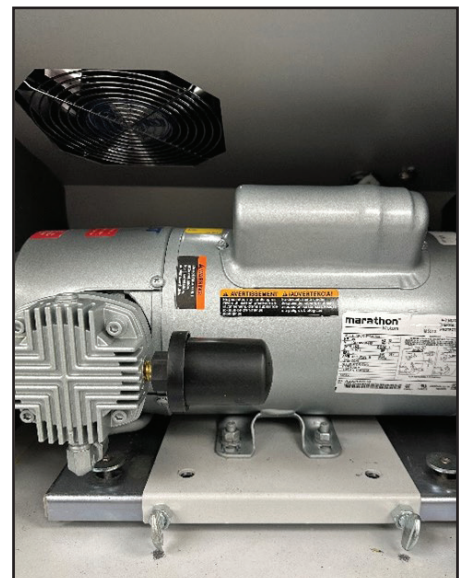
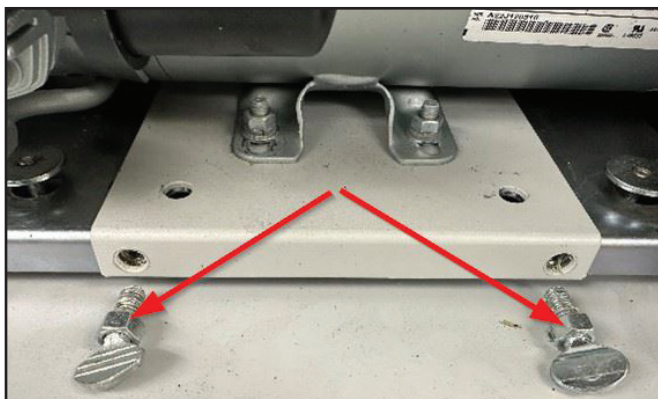
Step 3

Disconnect Hose from the compressor and Tee using a 9/16 wrench and unplug electric connection plug.



Step 4

Remove Thumb Screws from the compressor bracket.



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Step 5

Carefully slide compressor forward and remove from the unit.



Step 6

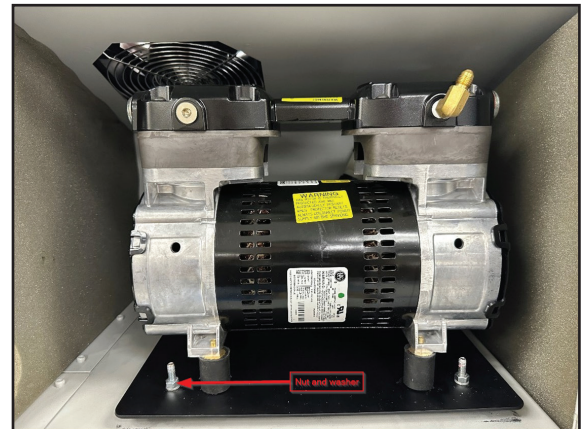
Remove all 4 Captive Nuts using Tongue & Groove Plier or locking Pliers.

NOTE: apply heat on Captive nut if Nut is locked due to locktight.



Step 7

Remove panel, place Replacement Compressor Assembly and install 4 Nuts and washers as shown in the picture below.

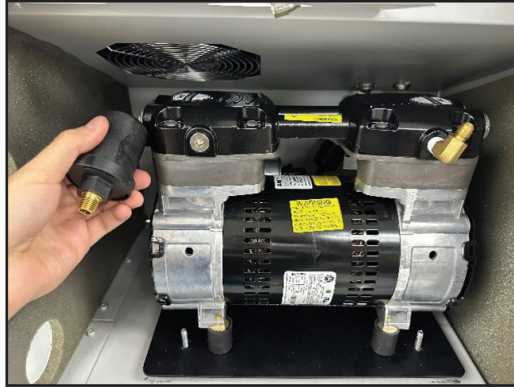


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Step 8

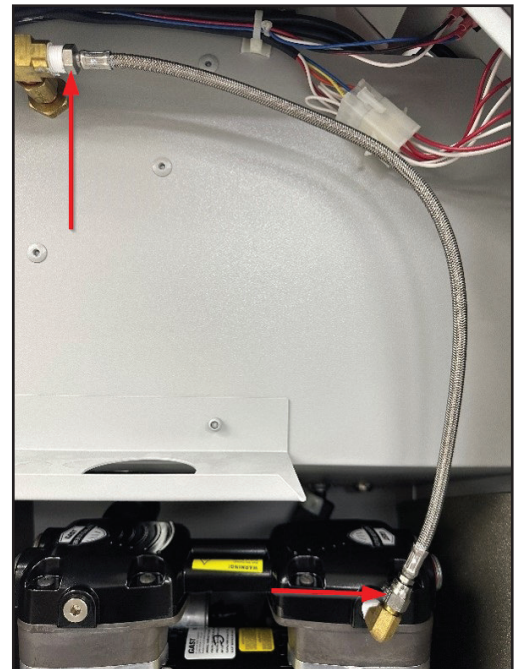
After installing Compressor install Inlet Filter as shown in the picture below.



Step 9

Connect new metal flex hose to compressor and tee as shown.

NOTE: make sure hose doesn't touch electric wires or chassis.

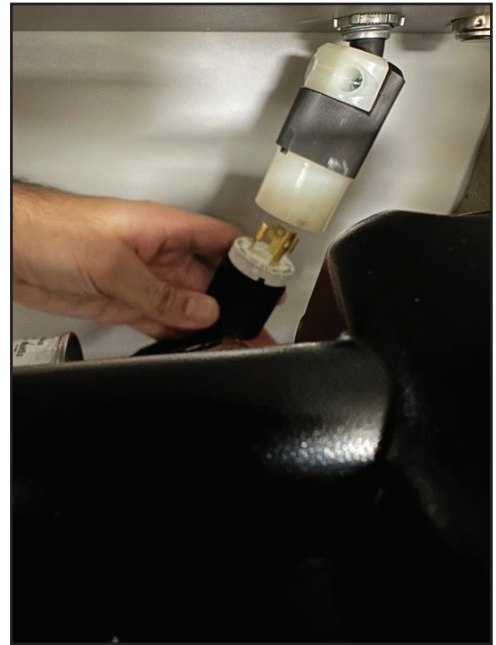


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Step 10

Connect compressor electric plug.

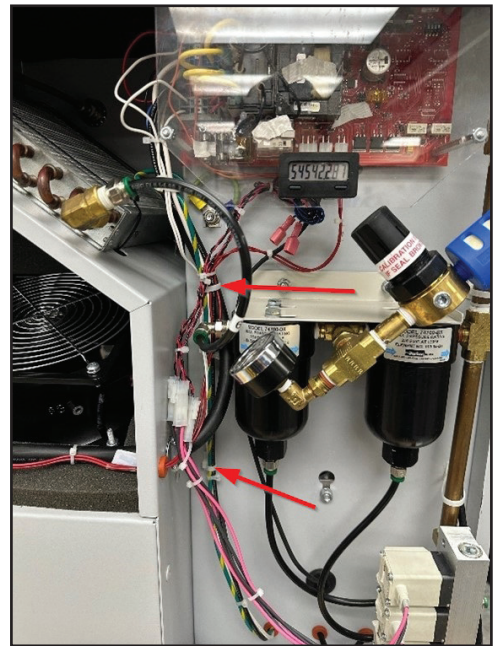


Power harness replacement method:

NOTE: Before starting the compressor replacement, make sure that the electric power to the unit is disconnected.

Step 1

Carefully cut pointed zip ties.

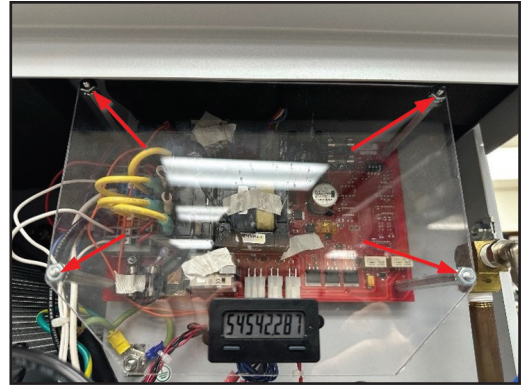


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Step 2

Remove circuit board cover by removing pointed nuts.



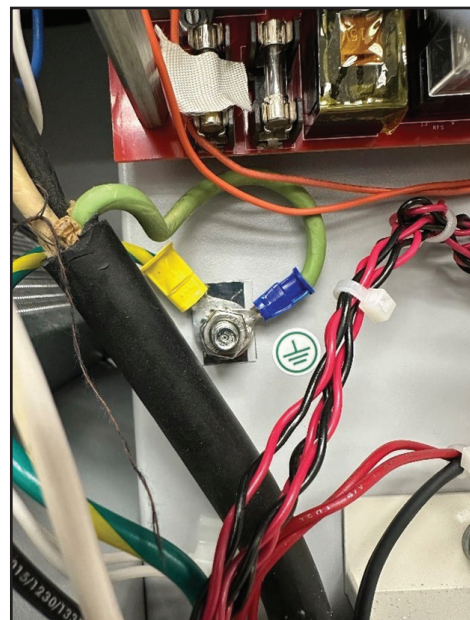
Step 3

Unplug white wire from terminal 3 and black wire from terminal 6 using supplied tool.



Step 4

Remove ground wires by removing 7/16 nut.



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Step 5

Remove receptacle and take off the wires using screwdriver to untie port screws.

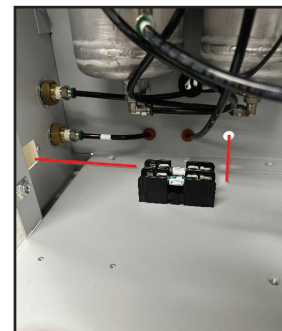
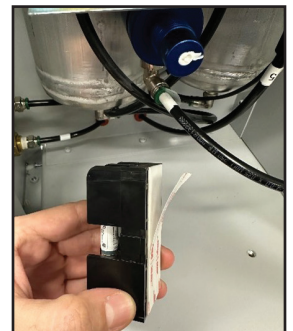


Step 6

Remove power cables from the unit and take off grommet.

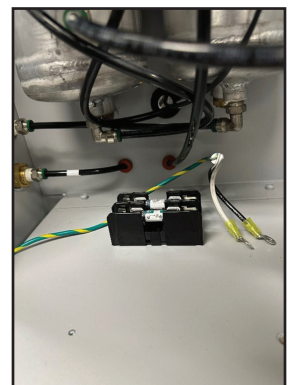
Step 7

Using an alcohol wet wipe, clean chassis area under the pressure vessels, peel tape under the fuse block and stick fuse block on the chassis by applying pressure as shown.



Step 8

Insert new power harness from PC Board side to the vessels side as shown.



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Step 9

Pass ground cable from receptacle hole and connect to bottom of the receptacle then connect white wire left side and black wire right side the receptacle as shown.

NOTE: make sure cables are secured in the receptacle and no copper is showing outside the connecting ports.

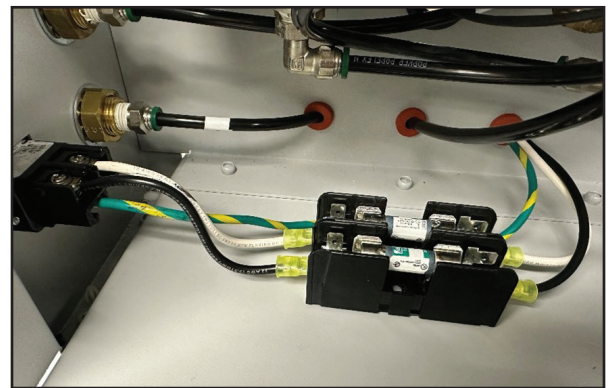


Step 10

Place receptacle back to its place and screw it in.

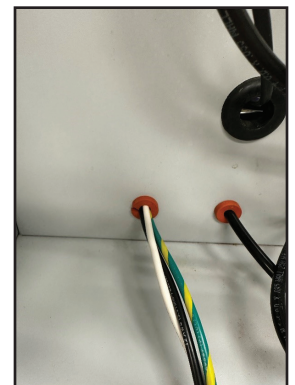
Step 11

Connect terminal ring to fuse block as shown.



Step 12

Place grommet around wires and insert into hole as shown.

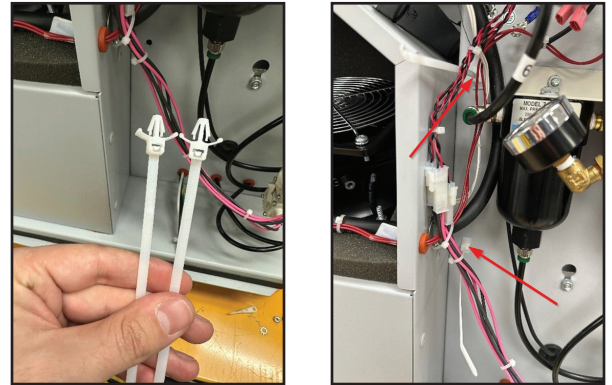


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Step 13

Replace push mount winged zip ties into the chassis.

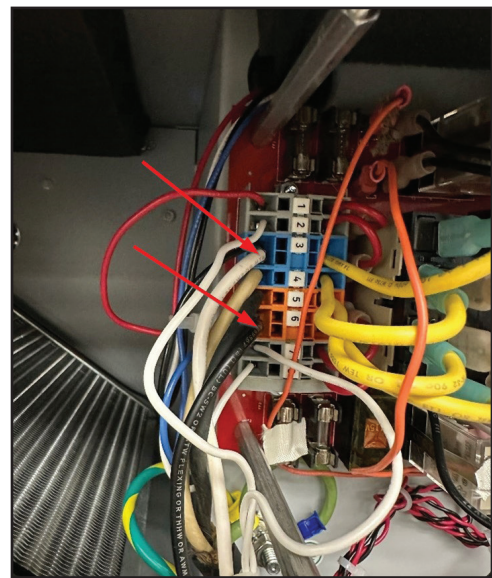


Step 14

Get power wires along to the PC board and secure with the installed zip ties.

Step 15

Connect white wire to port number 3 and black wire to port number 6 in the PC board.



Step 16

Reassemble ground wires using 7/16 nut and washers.



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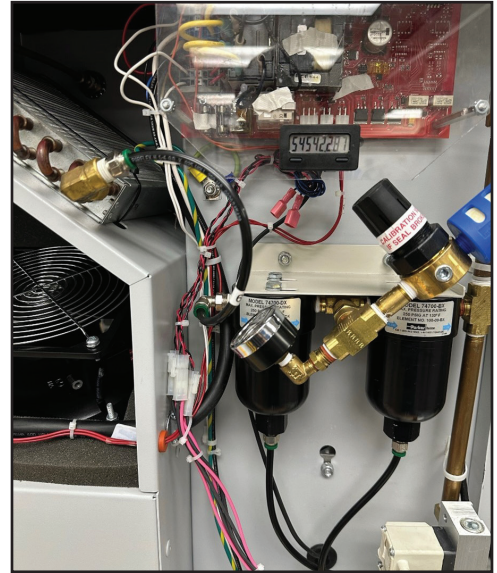
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Step 17

Reassemble circuit board cover.

Step 18

Apply the new product label to the outside of the unit.





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