
Gasket Replacement



Technical Support

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Revision History

Revision	Description	Author	Date
1.0	Initial release.	Ryan Rogers – Quality	3/9/2016

Gasket Replacement

Introduction

This is a guide for replacing the gaskets on an AnaJet MPiv2 Maintenance Station.

Note: Gaskets are only replaced on a clean surface.

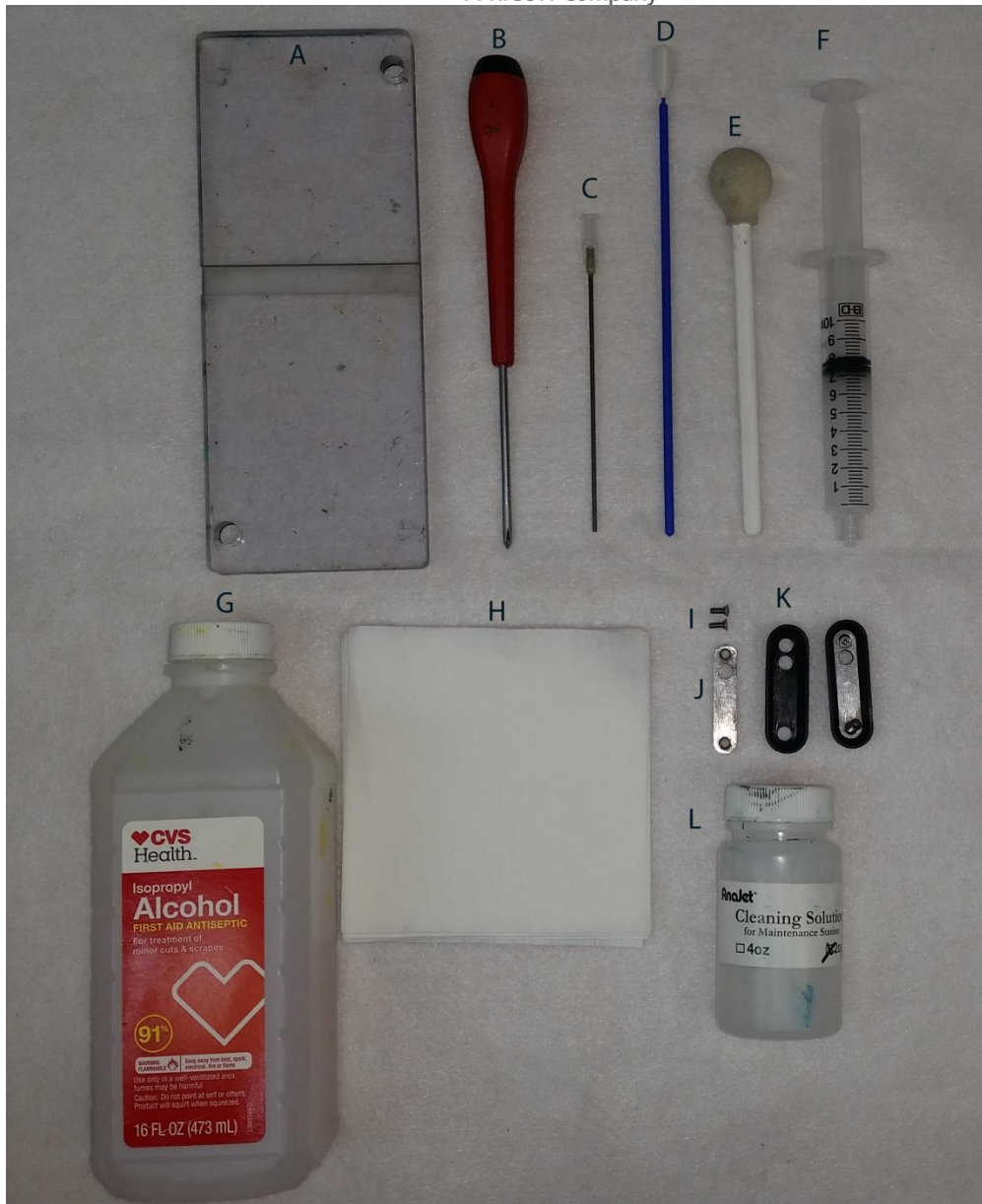
Scope

This applies to Anajet MPiv2 Maintenance Stations only.

Supplies

Required supplies:

- a. GAUGE, BRACKET (150992-001) (suggested)
- b. Phillips head screw driver #0
- c. Needle (100746) (for clearing out the drain holes)
- d. Narrow Cleaning Applicator (71-4505).
- e. Wide Cleaning Applicator (71-4504)
- f. Syringe (100747) filled with MOLYKOTE 111 Grease
- g. Isopropyl Alcohol
- h. Lint Free Wipes (150204-001)
- i. SEALING SCREW, 2-56X1/4 PH FL 100? (150889-001) x2 per gasket
- j. GASKET RETAINER (ana-p-2152) (re-use)
- k. GASKET (ana-p-2151)
- l. Cleaning Fluid 4oz.(CF-FT125)



Replacement

1. Release the carriage from the maintenance station
Menu → *Maintenance Functions* → *Print Carriage Control* → *Release Carriage*

2. Clean the maintenance station with cleaning fluid and wide applicators, and then dry the area off with a lint free wipe.



3. Remove the Philips sealing screws in the gaskets, two per gasket. Then remove the gasket and the gasket retainer



4. Save and clean the Gasket Retainer with Alcohol, this will be used later.
Remove any O-Rings left in the Gasket Retainer Be sure to remove all ink on the gasket retainer



5. Clean the Gaskets slots with an alcohol dipped wide applicator. *Be sure to remove all ink inside the gasket area, leftover ink can lead to a bad seal and poor suction.*





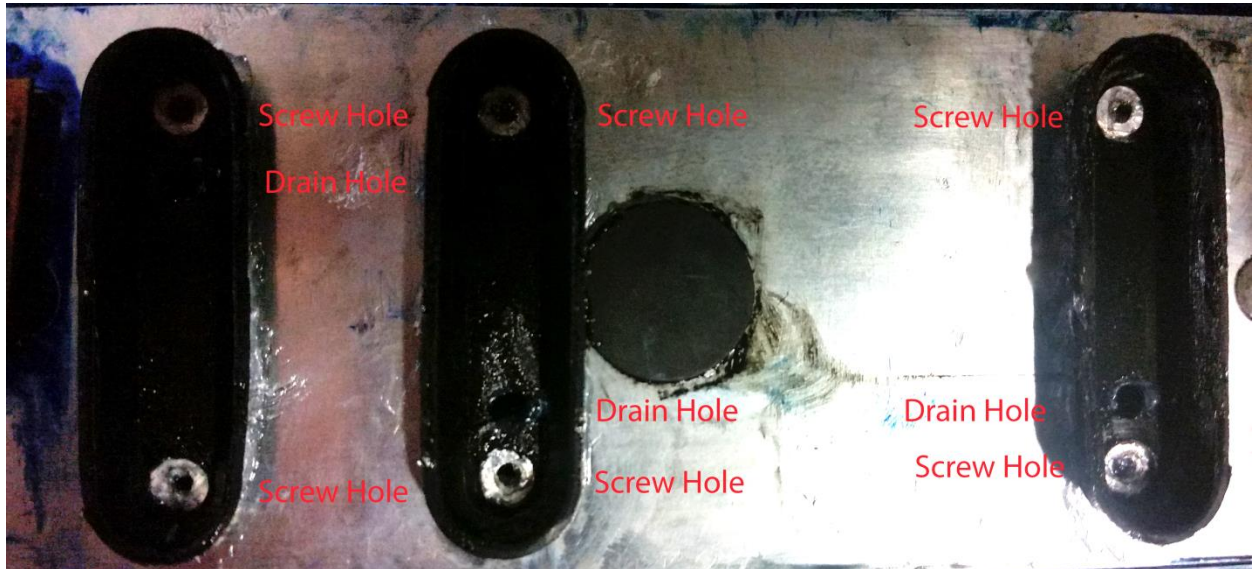
6. Apply grease to the gaskets slots and spread evenly across the entire surface with a narrow cleaning applicator. *Failure cover the entire surface evenly could lead to a bad seal and poor suction.*



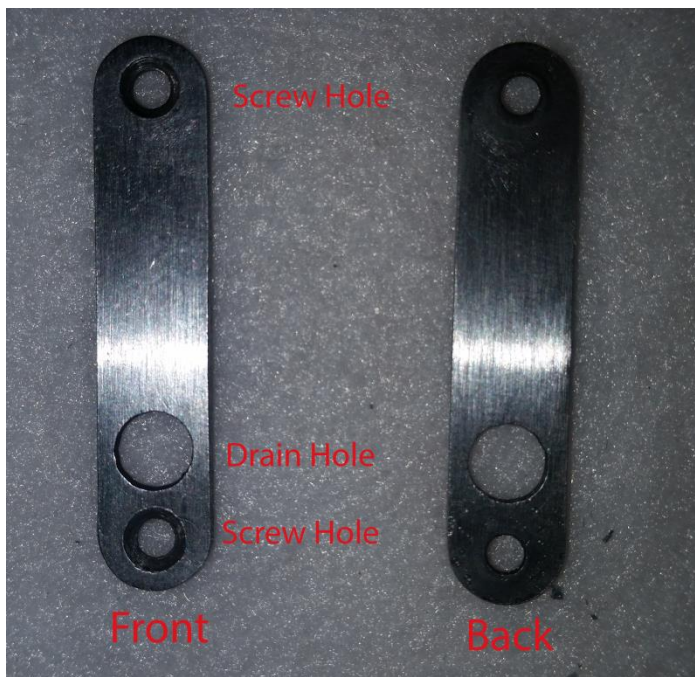
7. Apply grease to the entire back surface of the gasket with a syringe and spread evenly with a narrow cleaning applicator. *Failure to cover entire surface evenly could lead to a bad seal and poor suction.*



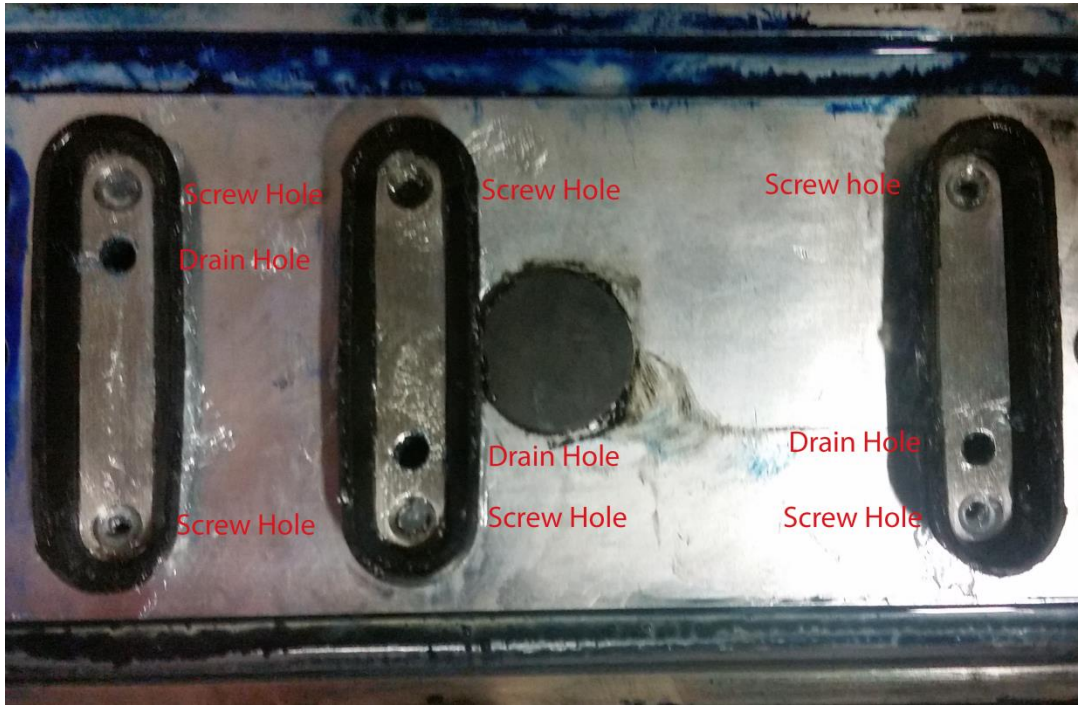
- Place the gasket on corresponding slot in the maintenance station. *Align the drain holes of the gasket to the gasket slot*



- Apply grease to the entire back surface of the gasket retainer and spread evenly with a narrow cleaning applicator. *Failure to cover entire surface evenly could lead to a bad seal and poor suction.*



10. Place the gasket retainer in the gasket in the corresponding gasket.



11. Secure the gaskets with *new* sealing screws, finger tight, and remove an grease blocking the gasket drain holes with the needle. *Over tightening sealing screws can break the o-ring and result improper sealing*



Verification/Testing

Test with Gauge

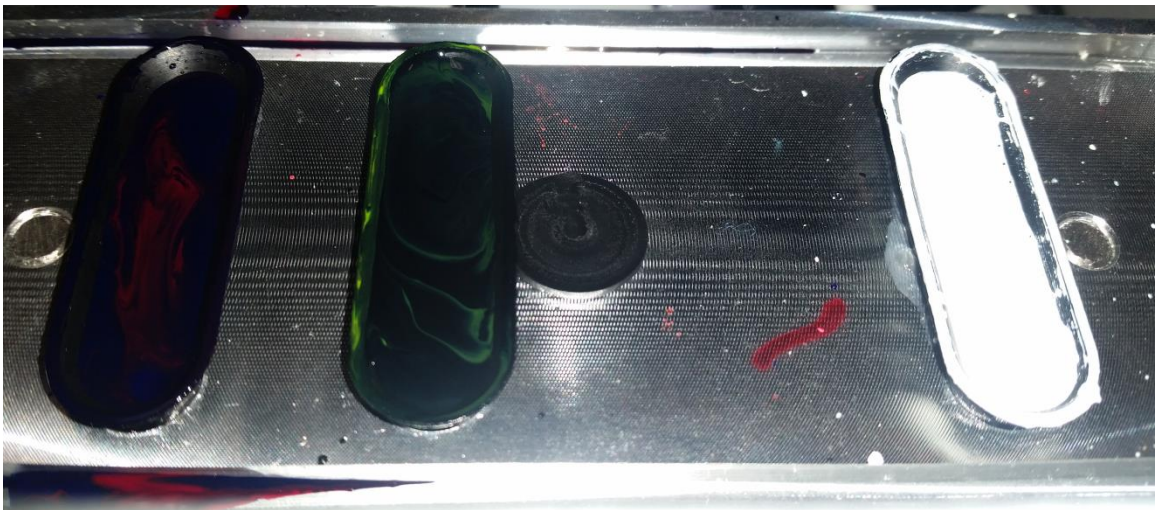
1. With the carriage released, Place the GAUGE, BRCKET on the maintenance station, lining up the pin holes and ensuring the slotted side of the gauge is facing up.



2. Turn on the pump by pressing *Menu + Jobs + Enter* at the same time to access the Technical Support Menu and then going to *Module Test → Maintenance Functions → Pump On*.
3. Push down on the gauge to create a seal and after a few seconds attempt to lightly lift up on the gauge.
 - a. If gauge comes off and the seal is poor, the gasket will have to be cleaned, greased, and secured with new screws. **Turn off the pump before repeat steps 5-10 in the replacement section**
 - b. If the maintenance station maintains its seal with the gauge while the pump is on, turn off the pump and attempt of lift up on the gauge. The gauge should maintain its seal for at least a few seconds.
 - c. If gauge comes off immediately and the seal is poor, the gasket will have to be cleaned, greased, and secured with new screws. **Turn off the pump before repeat steps 5-10 in the replacement section**
4. Once the test is complete, secure the carriage. *Menu → Maintenance Functions → Print Carriage Control → Secure Carriage*

Test without Gauge

1. With the carriage secured, lines filled, and carts containing ink, perform a 10 second print fill. *Menu → Maintenance Functions → Startup Fill → Fill Print Lines → Fill For 10 Seconds*. Once complete, release the carriage and see if the maintenance station gaskets are full of ink. *Menu → Maintenance Functions → Print Carriage Control → Release Carriage*





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- a. If the gaskets are full of ink, secure the carriage.
Menu → Maintenance Functions → Print Carriage Control → Secure Carriage
 - i. Perform a light clean before use.
- b. If the gaskets have not filled close to the rim, *repeat steps 5-10 in the replacement section*