

BOTTOM DRAIN SEDIMENT BOWL UPGRADE KIT

ASI TECHNICAL GUIDELINE FOR 95-0339

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PURPOSE

This technical guideline provides instructions for installing the bottom drain sediment bowl upgrade kit. The kit is compatible to all self-contained delivery systems manufactured prior to 10/2015.

PARTS INCLUDED

- Purge pump tubing, bottom drain
- Sediment bowl, bottom drain
- Swivel elbow, 1/4" x 3/8"
- Plug stem
- O-Ring grease

TOOLS REQUIRED

- Flat head screwdriver
- Flat wrench

IMPORTANT!

Before commencing on the following instructions, please read and follow all applicable warnings/cautions listed at the end of this technical guideline.

INSTRUCTIONS

Removal of existing sediment bowl

- 1 Drain the suction canister; flush and drain completely.
- 2 Turn OFF power to the unit.
- 3 Open the back panel of unit using a flat head screwdriver. There are two quick-turn screws on the back of unit. Move the suction tube and electrical cord out of the way of the back door. (Fig. 1)

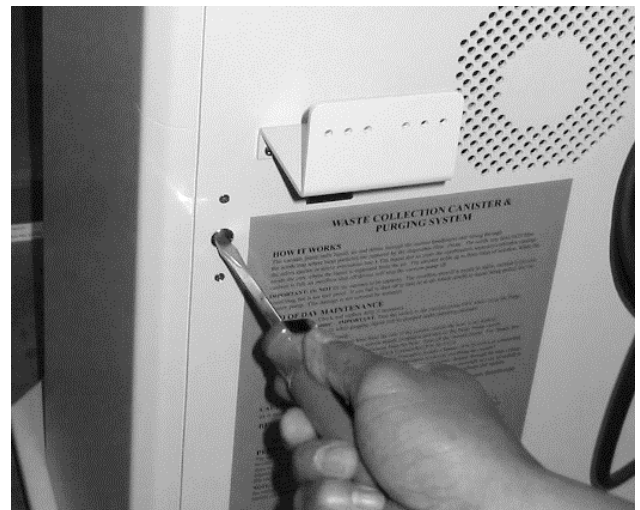


Fig. 1

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- 4 Locate the peristaltic purge pump housing and open to access the tubing. (Fig. 2)

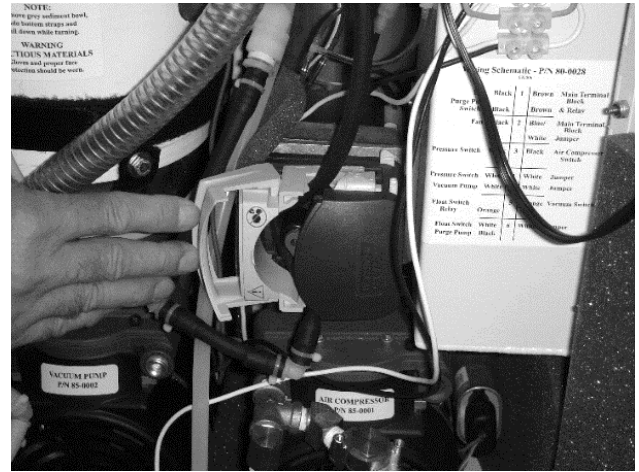


Fig. 2

- 5 Remove the existing black or beige purge pump tubing from the housing. (Fig. 3) (Fig. 4)

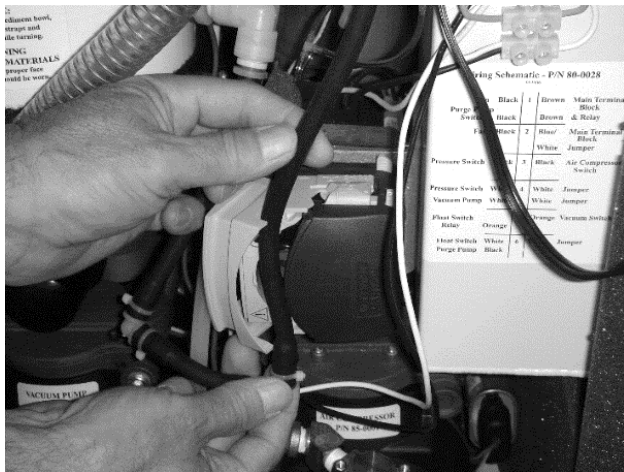


Fig. 3

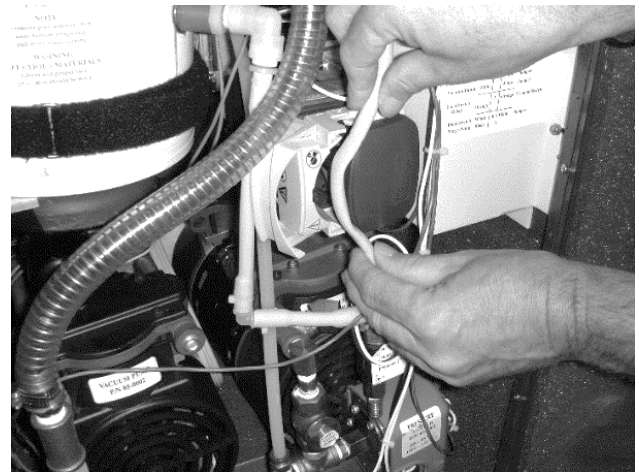


Fig. 4

- 6 Insert the head of a flat head screwdriver between the white plastic adapter and the white plastic connector on the tubing. Depress white ring while pulling down on the tubing. (Fig. 5)

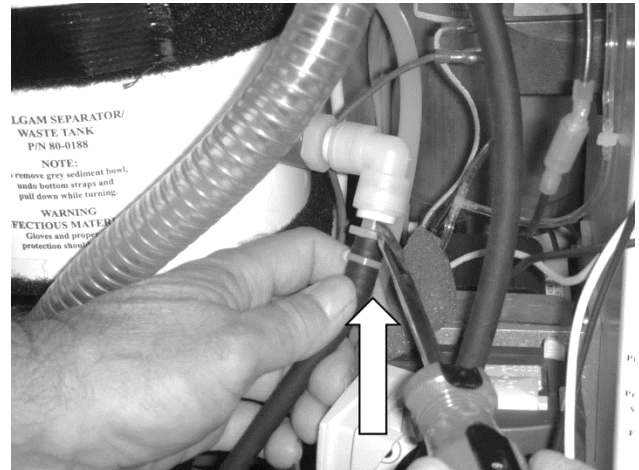


Fig. 5

- 7 Insert the plug into the adapter.
- 8 Follow the black or beige tubing to where it connects behind the port labeled, "Central Suction Quick Connect". The connector is the same as shown in Fig. 5. Disconnect the adapter and tubing the same as Step 6. (Fig. 6)



Fig. 6

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- 9 Remove the existing sediment bowl from below the suction canister. The amalgam separator is located on the left above the vacuum pump. Loosen the Velcro straps under the separator (see Fig. 7). Grab the sediment bowl with both hands and remove by rotating while pulling down (see Fig. 8).

i *Be careful to not spill sideways as the bottom of the bowl will have liquid in it. Once the bowl is removed, empty the contents into an appropriate hazardous waste receptacle to send to an authorized mercury disposal service provider.*



Fig. 7



Fig. 8

Installing the new sediment bowl

- 10 Place the elbow into the bottom of the new replacement sediment bowl and firmly tighten.
- 11 Lubricate the O-ring and the side of the new sediment bowl with the silicone grease, then install in the suction canister. The elbow should be on the right side. Secure with the Velcro straps.
- 12 Install the new "L" shaped purge hose tubing assembly by inserting into the elbow in the sediment bowl. Carefully place into the roller pump and push in the top and bottom of the tubing while closing the latch.

i *Do not pinch the tubing with the latch cover as it can puncture the tubing. Ensure it is place fully in on the roller before closing the latch.*

- 13 Insert the top of the purge hose tubing assembly into the output port on the top part of the chassis.

Verify proper installation

- 14 Plug the unit in and turn the power ON.
- 15 To verify the installation, suction up a small amount of clean water into the suction handpieces. Then, run the purge pump while holding the endo drain tube in a drain or container and ensure it pumps out properly and for an absence of any leaks.

WARNINGS/CAUTIONS

In addition to observing the normal precautions associated with standard dental practices and procedures, the following additional precautions should be strictly noted and observed during the set-up, operation, and maintenance of this system.



WARNING

QUALIFIED PERSONNEL ONLY

The product should only be operated by qualified personnel only. The operator bears responsibility for the correct settings and proper use of the system. ASI Dental (ASI) cannot be held liable for any malfunction of this product, or performance failure and/or its designed or desired utility, nor can ASI be held liable for injuries to persons or animals, in any case when the device is misused or not operated, applied or maintained in strict accordance with user/owner instructions set out in the operation manual. In the event of any doubt or question, the user is to contact ASI for clarification or assistance.

Improperly maintained or operated systems or instruments may void the associated warranties.

AVERTISSEMENT

PERSONNEL QUALIFIÉ UNIQUEMENT

Le produit ne doit être utilisé que par du personnel qualifié. L'exploitant est responsable des réglages corrects et de l'utilisation correcte du système. ASI Dental (ASI) ne peut être tenu responsable de tout dysfonctionnement de ce produit, ou d'une défaillance de performance et/ou de son utilité conçue ou souhaitée, et ASI ne peut être tenu responsable des blessures aux personnes ou aux animaux, en tout cas lorsque l'appareil est mal utilisé ou pas utilisé, appliqué ou entretenu en stricte conformité avec les instructions de l'utilisateur/propriétaire énoncées dans le manuel d'utilisation. En cas de doute ou de question, l'utilisateur doit contacter ASI pour obtenir des éclaircissements ou de l'aide.

Des systèmes ou instruments mal entretenus ou mal exploités peuvent annuler les garanties associées.



WARNING

ELECTRICAL VOLTAGE

This system is powered by high voltage electricity. Like any other electrically powered device, if it is not used properly, it can cause electrical shock. Always plug the power cord into an electrical outlet with adequate fuse protection and proper grounding. In the event of a short circuit, grounding reduces the risk of shock by providing an escape wire for the electric current. Improper grounding of the unit can result in a risk of electric shock. Always unplug the unit before doing any service or repair to the unit.

AVERTISSEMENT

TENSION ELECTRIQUE

Ce système est alimenté par de l'électricité à haute tension. Comme tout autre appareil électrique, s'il n'est pas utilisé correctement, il peut provoquer un choc électrique. Branchez toujours le cordon d'alimentation dans une prise électrique avec une protection par fusible adéquate et une mise à la terre appropriée. En cas de court-circuit, la mise à la terre réduit le risque d'électrocution en fournissant un fil d'échappement pour le courant électrique. Une mauvaise mise à la terre de l'appareil peut entraîner un risque d'électrocution. Débranchez toujours l'appareil avant d'effectuer tout entretien ou réparation sur l'appareil.



WARNING

INFECTIOUS MATERIALS

Infectious disease workplace safety protocols to safeguard against cross contamination of infectious disease should always be observed. When maintaining the suction system or emptying the contents of the suction waste container, safe precautions and practices including the wearing of face mask, eye protection and gloves are to be followed.

AVERTISSEMENT

MATIERES INFECTIEUSES

Les protocoles de sécurité sur le lieu de travail contre les maladies infectieuses pour se prémunir contre la contamination croisée des maladies infectieuses doivent toujours être observés. Lors de l'entretien du système d'aspiration ou de la vidange du contenu du conteneur de déchets d'aspiration, des précautions et des pratiques de sécurité, notamment le port d'un masque facial, d'une protection oculaire et de gants, doivent être suivies.