

CENTRAL SUCTION CONVERSION KIT

ASI TECHNICAL GUIDELINE FOR 95-0428

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PURPOSE

This technical guideline provides instructions for the installation of the central suction conversion kit. This kit can be installed in all self-contained delivery systems. Note that some instructions are applicable to carts with specific serial number ranges.

PARTS INCLUDED

- 5/8" barb
- 5/8" corrugated hose
- Suction kit

TOOLS REQUIRED

- Crescent wrench
- Hammer
- Punch

IMPORTANT!

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

INSTRUCTIONS

- 1 Purge the suction canister before starting.
- 2 Turn off all power to the cart.

Removal of Bacteriostatic Filter (for carts with SN 200422 and after)

- 3 Follow the hose connecting the bacteriostatic filter to the vacuum pump exhaust and disconnect it from the vacuum pump.
- 4 Using a wrench, find the nut securing the filter to the interior of the cart sheet metal. Hold the nut with the wrench and remove the filter by spinning it off with your free hand.



Fig. 1

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Removal of Knock-Out (for carts with SN 200101 - 200420)

- Using a small metal punch and hammer, knock out the circular outline on the cart sheet metal.
Continue with installation, step 8.

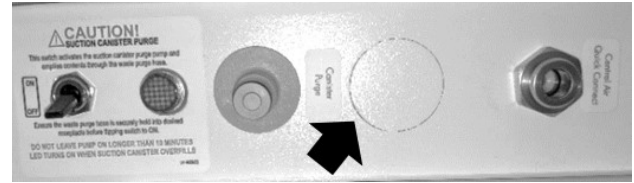


Fig. 2

Removal of Aux Port (for carts with SN 161003 - 180321)

- Using a wrench, find the nut securing the Aux port to the interior of the cart sheet metal. Hold the nut with the wrench and remove the port by spinning it off with your free hand.

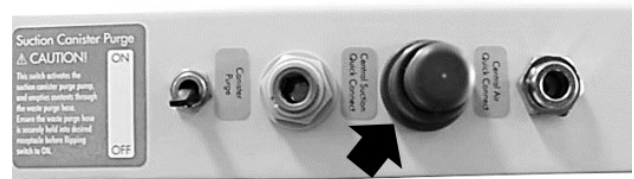


Fig. 3

- If the cart includes hose connections from the port to a Y tee (SN before 596566), that tee and hosing must also be removed. Disconnect the hoses connecting the suction canister and aux port to the Y tee, then remove the tee from the hose connected to the solids trap. At this point, the Y tee and all hoses connected to it (except from solids trap) should be removed.

Continue with installation, step 8.

Central Suction Installation (for carts with a hole plug, SN 180331 – 191246)

- There should now be an open hole that the suction tubing can be connected through.

i For carts with a hole plug like those in Fig 4, simply remove the hole plug before continuing.

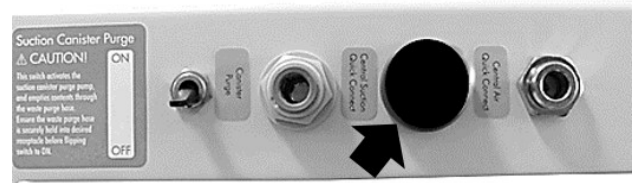


Fig. 4

- 9 Locate the hose connecting the solids trap to the suction canister, and disconnect it at the inlet of the suction canister.
- 10 Feed the barb-side of the 5/8" corrugated hosing from the conversion kit through the open hole, and connect it to the solids trap tubing (tubing that was disconnected in previous step).
- 11 Attach suction kit to the other end of the supplied corrugated tubing. This suction kit can now be connected to central vacuum.



Fig. 5

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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

PRESENCE OF HEAVY METALS/AMALGAM

This system may be equipped with optional suction instruments. As part of dental procedures, particles of amalgam may be suctioned into the dental suction handpieces and collected within the system and trap filter.

AVERTISSEMENT

PRÉSENCE DE MÉTAUX LOURDS/AMALGAME

Ce système peut être équipé d'instruments d'aspiration en option. Dans le cadre de procédures dentaires, des particules d'amalgame peuvent être aspirées dans les pièces à main d'aspiration dentaire et collectées dans le système et le filtre piège.



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.