

PURPOSE

This guideline demonstrates how to replace the amalgam separator cartridge in a delivery system.

NOTE: The American Dental Association Best Management Practices recommends that all amalgam waste be recycled. Contact your local environmental specialist prior to disposal of the used cartridge.

PARTS INCLUDED

- ISO 11143:2008 Compliant Replacement Amalgam Separator Cartridge Assembly

TOOLS REQUIRED

- Crescent wrench

INSTRUCTIONS

1. Purge system completely.
2. Remove the short external purge hose from the cartridge “in flow” brass fitting by pressing the orange ring while pulling out the straight connector. (Fig. 1)
3. Remove the brass fitting from the cartridge “in flow” port. (Fig. 2)



Fig. 1



Fig. 2

4. Using one white fitting with black plug, install fitting into cartridge “in flow” port. (Fig. 3)

- Attach brass fitting from original cartridge, into the “in flow” port of the replacement cartridge. Install short external purge hose into brass fitting. (Fig. 4)



Fig. 3



Fig. 4

- Remove the long external purge hose from the cartridge “out flow” brass fitting by pressing the orange ring while pulling out the angled connector. (Fig. 5)



Fig. 5

7. Remove the brass fitting from the cartridge “out flow” port. (Fig. 6)
8. Using the second white fitting with black plug, install fitting into cartridge “out flow” port. (Fig. 7)



Fig. 6



Fig. 7

9. Attach brass fitting from original cartridge, into the “out flow” port of the replacement cartridge. Install long external purge hose into brass fitting. (Fig. 8)



Fig. 8

10. Original cartridge will lift off the back of the cart. Slide replacement cartridge into place on the back of the cart. (Fig. 9, Fig. 10)



Fig. 9



Fig. 10

WARNINGS/CAUTIONS



WARNING! Only qualified personnel should service or repair this device. This device should only be serviced/repared by a qualified service technician who is proficient in the repair of electromechanical dental equipment and who understands the complexities and risks of working within the device and observes proper safety precautions.



WARNING – Presence of Heavy Metals/Amalgam. This cart 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.



WARNING – Infectious Materials. Infectious disease workplace safety protocols to safeguard against cross contamination of infectious disease should always 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.



CAUTION! The irrigation system may contain chemicals that are caustic or corrosive. Always verify with the operator of the system to determine which chemicals they are using within the system. Always follow workplace safety protocols when doing maintenance or service of the system including the wearing of face mask, eye protection and gloves for proper protection of exposed skin, breathing and eyes.