



ASI

The Leader In Advanced Systems Integration
Advanced Dental Systems® & Advanced Endodontic Systems®
www.asimedical.net | (303) 766-3646

Technical Guideline

Replacing the Bulkhead Connector

TG-95-0189/
95-0126

Rev B | 20 Oct 2015 | Page 1 of 4



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 – Compressed Air. The compressed air system that operates this unit is under pressure. Compressed air can propel dust or loose particles and can cause bodily injury or damage. Always turn the system off and bleed off air pressure before attaching or removing air lines or accessories or servicing this unit. All air lines should be periodically inspected and replaced if worn or damaged. If an outside compressed air supply is used to power this unit, the air supply must be regulated to 80 psi or below. Excessive air pressure could cause certain components to rupture.



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.

PARTS INCLUDED

- One (1) Bulkhead Connector
- Four (4) 1/8" tubing sleeves
- Four (4) 1/4" tubing sleeves
- Two (2) 1/8" straight connectors
- Two (2) 1/4" straight connectors

TOOLS REQUIRED

- Phillips head screwdriver
- Side cutters or scissors
- Large adjustable wrench

INSTRUCTIONS

1. Turn off main power and air supply to unit.
2. Run the Air/Water Syringe to relieve compressed air in system.



ASI

The Leader In Advanced Systems Integration
Advanced Dental Systems® & Advanced Endodontic Systems®
www.asimedical.net | (303) 766-3646

Technical Guideline

Replacing the Bulkhead Connector

TG-95-0189/
95-0126

Rev B | 20 Oct 2015 | Page 2 of 4

3. Locate the black bulkhead on the underside of the delivery system. (Fig. 1) Unthread counter-clockwise the black nut from the bulkhead. Remove connector. (Fig. 2)



Fig. 1



Fig. 2

4. From the inside of the cart, locate the tubings connected to the bulkhead and cut all four of them using side cutters or scissors, leaving approximately 5". (Fig. 3)



Fig. 3



ASI

The Leader In Advanced Systems Integration
Advanced Dental Systems® & Advanced Endodontic Systems®
www.asimedical.net | (303) 766-3646

Technical Guideline

Replacing the Bulkhead Connector

TG-95-0189/
95-0126

Rev B | 20 Oct 2015 | Page 3 of 4

5. After you have cut the tubing, look on the underside of the system again to locate the brass nut securing the bulkhead and loosen using a large adjustable wrench. (Fig. 4)

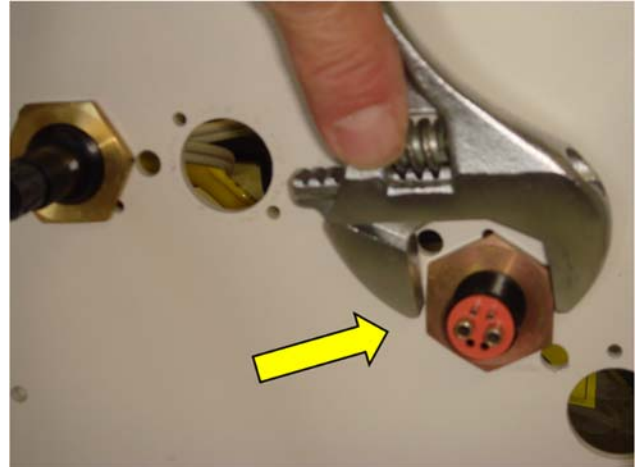


Fig. 4

6. From the inside of the cart, remove the bulkhead from the hole. (Fig. 5)

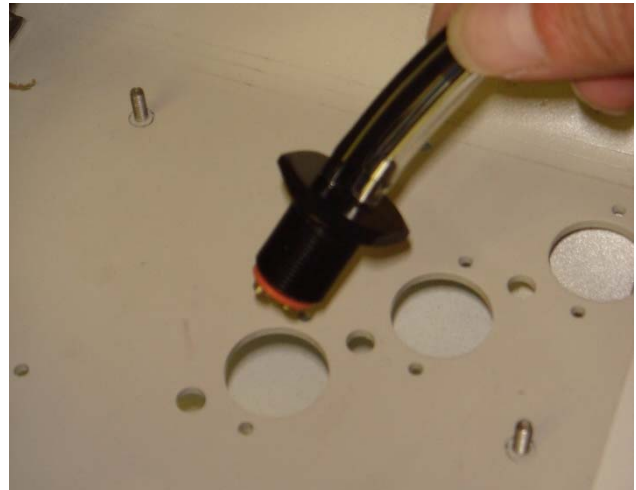


Fig. 5

7. All of the tubing on the new bulkhead will come with a sleeve and straight-through connector attached. Re-attach existing tubing to the connectors on the new bulkhead and secure plastic sleeves using a sleeve tool. (Fig. 6; Fig. 7)



ASI

The Leader In Advanced Systems Integration
Advanced Dental Systems® & Advanced Endodontic Systems®
www.asimedical.net | (303) 766-3646

Technical Guideline

Replacing the Bulkhead Connector

TG-95-0189/
95-0126

Rev B | 20 Oct 2015 | Page 4 of 4



Fig. 6

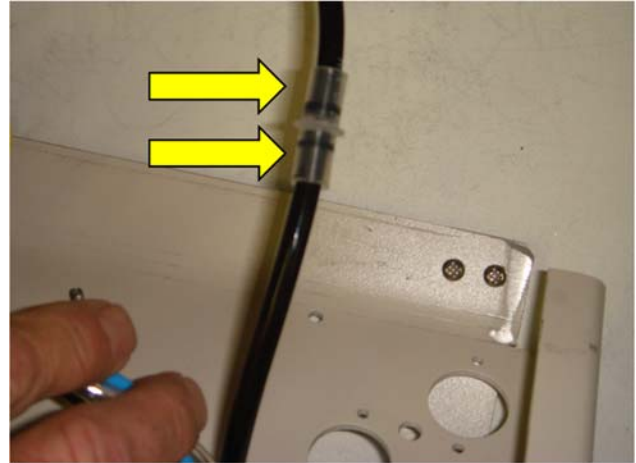


Fig. 7

8. Attach the new bulkhead following Steps 3 through 7 in reverse order. (Fig. 8)



Fig. 8

9. Fill the bottles and attach. Turn the system on to pressure the bottles. Test for leaks by running the handpiece.