

1. APPLICABLE PRODUCTS

- All ASI delivery units with integrated handpieces

2. PARTS LIST

- 95-0295, 5-Position Control Block with Expanded Top

3. TOOLS REQUIRED

- Screwdriver, Phillips
- Sleeve tool

4. GENERAL SAFETY PRECAUTIONS

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.

**⚠ 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.

**⚠ CAUTION****DAMAGE FROM UNSUITABLE ACCESSORIES**

Responsibility for the use of accessories, parts or assemblies from other manufacturers rest solely with the user.



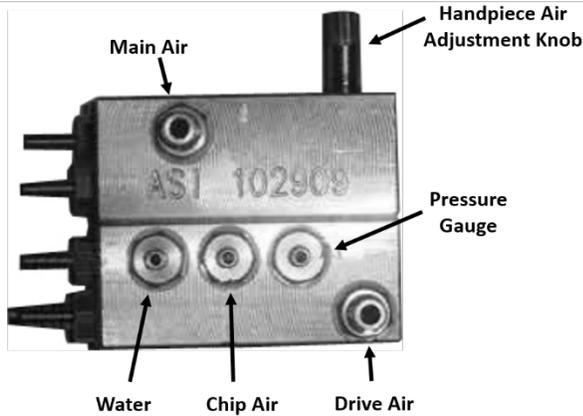
Before removing existing control block, check the replacement control block for proper barb and plug configuration, compare to the original control block's configuration. Configure replacement block barbs and plugs, if needed.



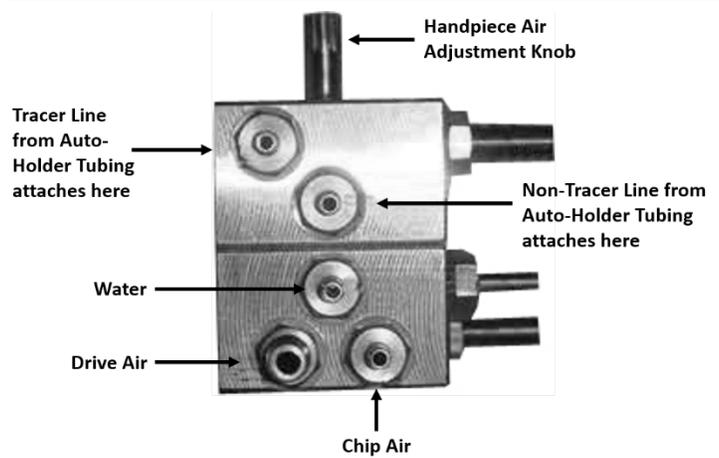
Control blocks with the air handpiece adjustment knobs pointing inside unit are held down with a control block bracket. Control blocks with the air handpiece adjustment knobs pointing down through holes in the baseplate, are held down with two (2) pan head screws on the outside/underside of the baseplate (bracket is not used for installation). Retain pan head screws for reinstallation.

5. CONTROL BLOCK & TUBING CONFIGURATION DIAGRAMS

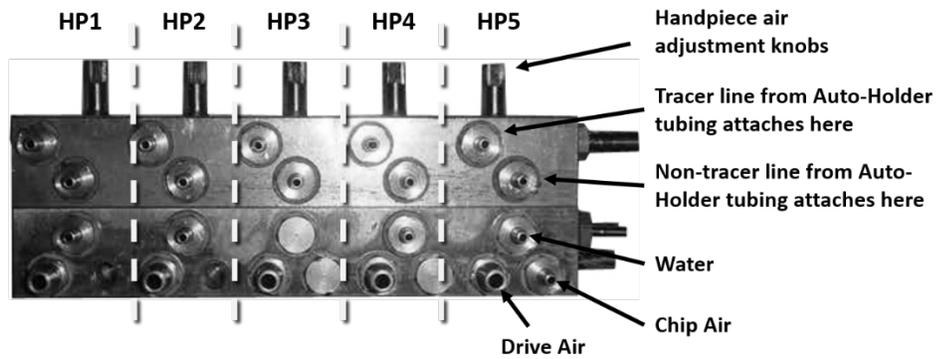
5-Position/Single-Control Block: Side Input Connections



Single-Position Control Block: Front Output Connections to Handpiece



5-Position Control Block: Front Output Connections to Handpiece



Control Block Tubing Configuration

US	1/4" barb with washer in drive air port 1/8" barb with washer in water port Plug with washer in chip air port
RTR } Aux }	1/4" barb with washer in drive air port Plug with washer in both chip air port and water port
EHLS } HS } FHS }	1/4" barb with washer in drive air port 1/8" barb with washer in water port 1/8" barb with washer in chip air port
LS	1/4" barb with washer in drive air port 1/8" barb with washer in chip air port Plug with washer in water port
Active	1/8" barb with washer in drive air port Plug with washer in both chip air port and water port
Blank	Plug with washer in all three ports. Bridge the two hole tubing ports with 1/8" yellow tubing using small sleeves

6. INSTRUCTIONS

6.1. Removal of Existing Control Block

- Step 1 - Power OFF and depressurize the unit.
- Step 2 - Open the top of the unit to expose the control block, as per your specific model.
- Step 3 - Remove the two (2) control block bracket lock nuts, which attach the bracket to the unit baseplate. Retain lock nuts.
- Step 4 - Remove the two (2) control block bracket flat screws, holding the bracket to the control block. These flat screws may be under the handpiece port label attached to the bracket. Retain flat screws.
- Step 5 - Remove the bracket from the control block.
- Step 6 - Remove the tubing from control block barbs. Slide the tubing sleeve down the tube, away from the barb. Cut the tube off the control block barbs.
- Step 7 - Remove the original control block from the unit.

6.2. Installation of Replacement Control Block

- Step 8 - Attach the tubing according to the tube configuration and diagrams.
- Step 9 - Attach the control block bracket to the replacement control block using the two retained flat screws.
- Step 10 - Place the control block onto the unit baseplate.
- Step 11 - Attach the control block to the baseplate using the two retained lock nuts.
- Step 12 - Check to ensure none of the tubes are pinched or kinked; adjust tubes if needed.
- Step 13 - Power ON and pressurize the unit and check for any air and/or water leaks around the control block area.
- Step 14 - Run each of the handpieces to ensure proper function.