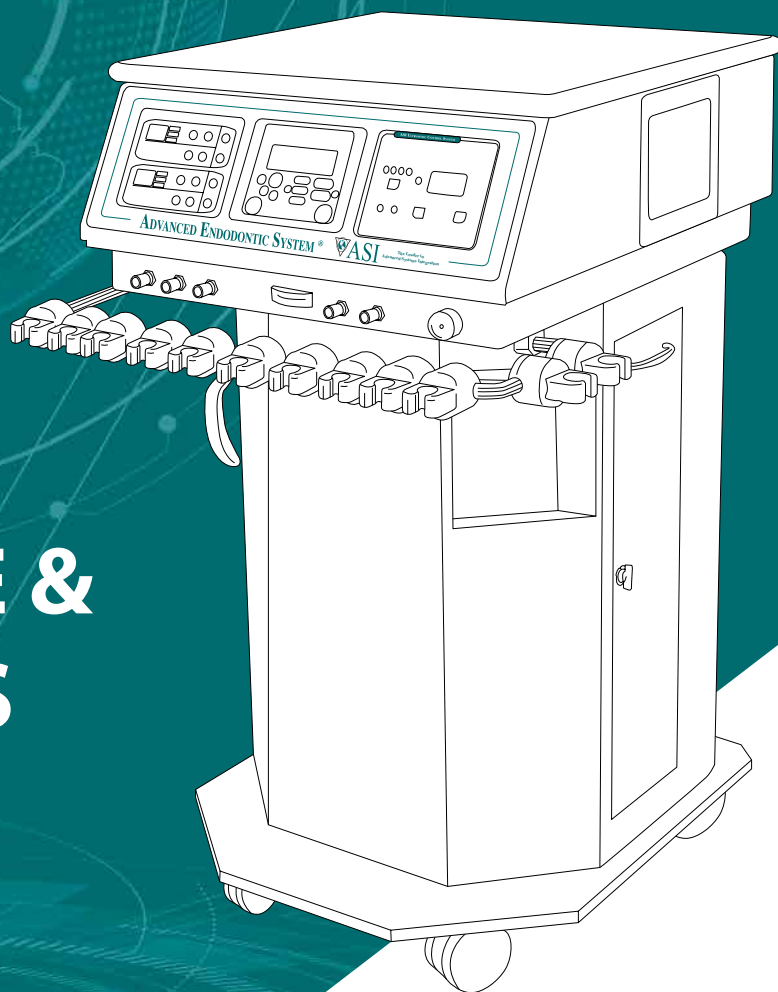


2022-2023

DENTAL EQUIPMENT MAINTENANCE & SERVICE PARTS



ORDER ONLINE!

Visit our website **ASISupport.com** anytime.
Questions can also be submitted via email
to **Service@ASISupport.com**.



PROUDLY MADE IN THE USA!



ASI
Dental Specialties

Advanced Endodontic Systems® | Advanced Dental Systems®

HOW TO USE THIS CATALOG

KNOW YOUR SYSTEM

Take a moment to get to know your ASI system. This will help determine the appropriate parts based on purchase date, serial number, etc. It will also help your ASI Customer Support Team, should you need to contact them with any questions.

MAINTENANCE & TROUBLESHOOTING GUIDELINES

Prevent issues before they happen. Visit us online at ASISupport.com for maintenance tips and troubleshooting.

TIPS AND TIME SAVERS

You know what part you need, but there are multiple versions – Which one will work for you? Knowing your system's build date will help you find exactly what you're looking for and save you time.

NEED A TECHNICIAN?

Visit ASISupport.com/technician-locator.

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WHAT'S MY SERIAL NUMBER? WHEN WAS MY SYSTEM BUILT?

CHECK THE BACK OF YOUR UNIT FOR A SILVER STICKER.
IT CONTAINS THE SERIAL NUMBER, MONTH AND YEAR YOUR UNIT WAS BUILT.

Fig. 1

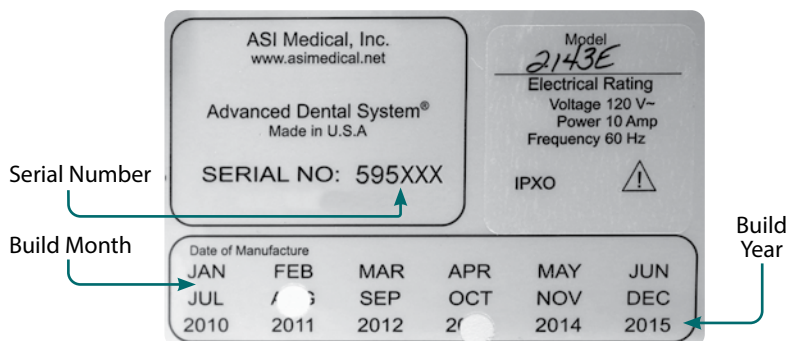
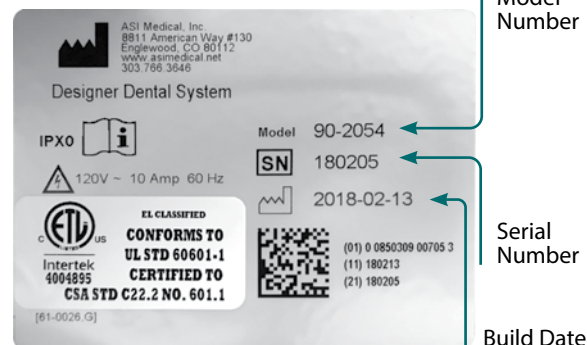


Fig. 2



IMPORTANT: 1st generation stickers (Fig. 1) go from serial number 490001 through serial number 596750.
2nd generation stickers (Fig. 2) begin with serial number 160901, and began on September 2016.

ASI's delivery system service and repair kits include common service parts for most of your regular maintenance needs.

Annual Maintenance Kit, Delivery System

PN **95-KIT1A** or **95-KIT1B** (shown)

Delivery system annual maintenance kit includes:

- O-ring Grease (5)
- Syringe repair kit (1)
- DentaPure 365 cartridge (2)
- Water bottles (2)
- Water test kit (1)

Version A is for units manufactured BEFORE 7/1/11.

Version B is for units manufactured AFTER 7/1/11.



(Version B)



(Version B)

5 Year Maintenance Kit, Dental Delivery

PN **95-KIT2A** or **95-KIT2B** (shown)

Delivery system maintenance kit for 5 year intervals. This maintenance kit includes:

- Water relay (1)
- In-line regulator (1)
- Control block puck set (1) OR control block diaphragm (1)

Version A is for units manufactured BEFORE 10/2006. Version B is for units manufactured AFTER 10/2006.



Annual Maintenance Kit, Suction Instruments

PN **95-KIT3**

Annual maintenance kit for suction instruments includes:

- O-ring grease (1 pkg of 5)
- O-ring for solids trap (1 pkg of 5)
- O-ring for HVE (1 pkg of 10)
- O-ring for saliva ejector/micro evacuator (1 pkg of 10)
- O-ring for irrigator (1 pkg of 10)

SECTION 1: PREVENTATIVE MAINTENANCE KITS



previous model

5 Year Maintenance Kit, Vacuum Pump

PN 95-KIT6

Vacuum pump maintenance kit for Self-Contained units for 5 year intervals. This maintenance kit includes:

Felt filter (1 pkg of 2)

Vacuum rebuild kit (1)

Purge hose assembly – Side Drain (1)

For Models before SN 180320.



previous model compatible



latest model

Vacuum Maintenance Kit

PN 95-KIT8A or 95-KIT8B

Felt filter (2), vacuum rebuild kit (1), purge hose bottom drain Vacuum (1) Maintenance Kit (for units SN 180320 to 191007, with bottom drain sediment bowl).

Version B (2), felt filter, vacuum rebuild kit (1), shurflo purge hose assembly (1) (for units SN 191008 and after).



(Version A - Sept. 2019 and older)



(Version B - Oct. 2019 and newer)

Maintenance Kit, Foot Control

PN **95-KIT4A** or **95-KIT4B** (shown)

Foot control maintenance should be performed every 5 years. This maintenance kit includes:

Foot control toggle assembly (1)

Replacement toggles (2)

Control valve rebuild kit (1) Version A is for units manufactured BEFORE 3/31/2013. Version B is for units manufactured AFTER 04/01/2013.



(Version B)

Annual Maintenance Kit

PN **95-KIT7**

Includes DentaPure DP365 Cartridge (1), Keep Clear Suction Cleaner (case of 4 gallons) with pump, 38mm Water Bottles (2), Solids Trap Screens (1 pkg of 144).



SECTION 2: GENERAL PARTS, TUBING & TOOLS



Decals, Replacements Beige or White

PN **95-0280**

PN **95-0280W**

Sheet of replacement decals for your cart. Updates the appearance of your cart.



Overlay Master, Designer Series, White

PN **95-0261W**

Overlay master for the Designer Advanced Endodontic Systems series. White. Dimensions: 5.625"h x 18.25"w.



Air Supply Assembly

PN **95-0321**

Junction-box regulator. Pressure setting should be 80psi or 0.5 – 0.55MPa.



Filter, Air Supply Regulator

PN **95-0337**

Replacement filter for junction box regulator (PN 95-0321).



Silicone, O-Ring Grease,

PN **95-0085**

Silicone formulation for O-rings. Do not use petroleum jelly to lubricate o-rings. Do not use cotton swab to apply silicone dielectric compound. Pkg of 5.



Touch-up Paint, White & Beige Textured

PN **95-4052** (white)

1-oz Bottle with Built-in Brush.

PN **95-4038** (beige)

1-oz Bottle with Built-in Brush.



Cord, NEMA Adaptor

PN **95-0233**



Retrofit Kit, Arm Pin, Socket

PN **95-0384**

Retrofit Kit includes a "T" bracket with push pin design for a sturdier, resilient way to hold accessory arm attachments.

RECOMMEND TOOLS



Sleeve Tool, Plastic

PN **95-0110**

Sleeve tool for 1/16" & 1/8" sleeves, plastic.



Shear, Side Cutter

PN **95-0131**

Side cutter (shear).



Screwdriver, Flathead

PN **95-0224**

Flathead Screwdriver for service kit, 2.5mm x 0.4mm.



Drill And Tap Set, 36 Drill, 6-32 Tap

PN **95-0408**

Drill And Tap Set, 36 Drill, 6-32 Tap.



Nutdriver, 1/4"

PN **95-0132**

1/4" Nutdriver for replacing barbs on control block and button valves on irrigation handpieces.



Nutdriver, 11/32"

PN **95-0317**

11/32" Nutdriver; for replacing micro irrigator buttons.



Allen Wrench, Hex Key Set, 9 Sizes

PN **95-0217**

Allen Wrench/Hex Key set, 9 sizes.



LOCTITE® Threadlocker

PN **95-0342**

LOCTITE® 222MS Purple Threadlocker.



Screws, Socket,

PN **95-0294**

32 x 3/16", Used for keeping the holder bar and the pivoting bracket in place, pkg of 10.



Plug, Hex with Washer, 10/32"

PN **95-0218**

Hex Plug for control block, 10/32", pkg of 10 with plastic washers.



Fitting, Hex Barb With Washer, 1/16"

PN **95-0219**

Hex Barb for control block, 1/16" stainless steel connector, pkg of 10 with plastic washers.



Fitting, Hex Barb With Washer 1/8"

PN **95-0220**

Hex Barb for control block, 1/8" stainless steel connector, pkg of 10 with plastic washers.



Fittings Kit

PN **95-0096**

Fittings Kit includes 12 (1/2") sleeves, 7 (1/4") sleeves, 1 (1/8" x 1/16" t-connector, 1 (1/8") t connector, 1 (1/16") t-connector, 4 (1/16") tubing couplers, 2 (1/8") tubing coupler, 1 pkg silicone o-ring grease.



Washer, Plastic #10

PN **95-0179**

Pkg of 10 plastic washers.



Sleeves, Tubing, 1/4" & 1/8"

PN **95-0180**

10 x 1/4" and 10 x 1/8", pkg of 20 sleeves.



Sleeves, Tubing, 1/8"

PN **95-0128**

Sleeves for 1/8" Outer Diameter Tubing, pkg of 10.



Connector, "T" for Irrigator, 1/16"

PN **95-0185**

"T" Connector for Irrigator line, 1/16" x 1/16" x 1/16" connections, pkg of 10.



Connector, Barb for Irrigator, 3/32" - 1/16"

PN **95-0186**

Connector Barb for Irrigator line, 3/32" x 1/16" connections, pkg of 10.



Connector, "T" for Irrigator, 1/8" x 1/16"

PN **95-0181**

"T" Connector for Irrigator line, 1/8" x 1/16", pkg of 10.



Coupler, Connector for Irrigator, 1/8" x 1/16"

PN **95-0182**

Straight Through Coupler barb for Irrigator line, 1/8" x 1/16", pkg of 10.



Coupler Connector for Irrigator, 1/8"

PN **95-0183**

Straight through Coupler barb for Irrigator line, 1/8" x 1/8" connections, pkg of 10.



Connector, "T" for Irrigator, 1/8"

PN **95-0184**

"T" Connector for Irrigator line, 1/8" x 1/8" connections, pkg of 10.



Coupler, Tubing, 1/16"

PN **95-0129**

1/16" Inner Diameter Tubing Coupler, straight through, fits 1/8" tubing, pkg of 10.



Plugs, Tubing, 1/16" & 1/8"

PN **95-0425 (shown)**

1/16" Inner Diameter Tubing Plug, pkg of 10.

PN **95-0424**

1/8" Inner Diameter Tubing Plug, pkg of 10.

CART SYSTEM CASTERS

Smaller casters (with 2 1/2" diameter) were used starting in the later 1990s. December 1, 2006, the Triton series units began using larger 3" casters. Classic Series systems began using 3" casters in June of 2007.

Caster Adapter Plate

PN **95-0193**

Use the Caster Adapter plate when upgrading 2.5" casters to 3", 4", or 5" casters.



2.5" Caster*

PN **95-0336**

*Used on systems built before 1/1/06.



3" Caster (Small)

PN **95-0273/S**



2" Caster

PN **95-0396**

3" Caster

PN **95-0273**



3" Locking Caster

PN **95-0273L**



Caster, Momentum Stool

PN **95-0399**

4" Caster

PN **95-0274**



4" Locking Caster

PN **95-0274L**



5" Caster

PN **95-0275**



5" Locking Caster

PN **95-0275L**



TECH TIP:

TUBING LENGTH? BULKHEAD SIZE?

All tubing comes in either 50" or 60" lengths. Be sure to measure yours before ordering.

For Small (3/4") Bulkhead handpiece tubing, you will need to upgrade your system with 7/8" bulkhead connector PN **95-0189** and handpiece tubing.

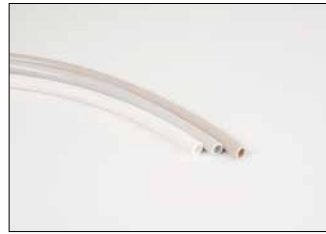
Note the in-service dates before placing your order.

Was your system built before or after 6/1/2006?



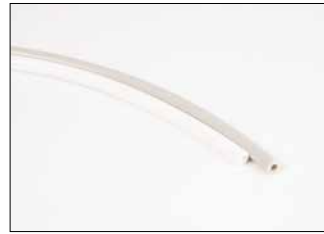
Tubing, HVE, 7/16"

PN **95-0287** Beige
 PN **95-0287G** Gray
 PN **95-0287W** White
 High Volume Evacuator (HVE) tubing, 7/16" inner diameter.



Tubing, Saliva Ejector, 7/32"

PN **95-0288** Beige
 PN **95-0288G** Gray
 PN **95-0288W** White
 Saliva ejector tubing, 7/32" inner diameter.



Tubing, Micro Irrigator and Evacuator, 1/8"

PN **95-0289G** Gray
 PN **95-0289W** White
 Micro irrigator/evacuator tubing, 1/8" inner diameter.



Tubing, Jacket

PN **95-0290** Beige (5/16")
 PN **95-0290W** White (5/16")
 PN **95-0291** Beige (3/8")
 PN **95-0291W** White (3/8")
 Tubing, Jacket 5/16"-3/8", inner diameter for A/W Syringe.



Tubing, Umbilical Jacket

PN **95-0323** (1 1/4")
 PN **95-0324** (1 1/2")
 Umbilical Jacket Tubing. Sold by the foot. Note: use larger size if unit has solids trap canister.



Tubing, Dual Lumen, 1/8", 15ft

PN **95-0327** Beige
 PN **95-0327W** White
 Used for handpiece holder signal. 1/8" Outer diameter.



Tubing, Steel Wire Reinforced, 5/8"

PN **95-0305**
 Vacuum tubing, 5/8" inner diameter. Average self-contained system uses 3'.



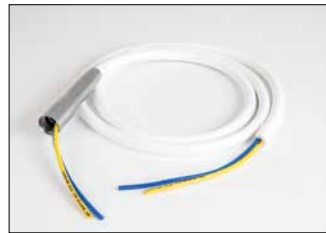
Tubing, Evacuator, 3/8"

PN **95-0380**
 Micro evacuator tubing, 3/8" inner diameter, White.



Tubing, Air-Water Syringe, 60"

PN **95-0213** White (60")
 Air-Water Syringe Tubing Assembly with Strain Relief. 60" tubing length. Syringe head not included.



Tubing, Air-Water Syringe, 50"

PN **95-0214** White (50")
 Air-Water Syringe Tubing Assembly with Strain Relief. 50" tubing length. Syringe head not included.



Tubing, Handpiece, Non-Fiber Optic, 50" or 60"

PN **95-0203W** White (50")
 PN **95-0202W** White (60")
 Non Fiber Optic Handpiece Tubing Assembly. For High Speed and Low Speed air driven hand pieces. Connects to 7/8" bulkhead. For systems sold after 6/1/2006.



Tubing, Handpiece, Fiber Optic, 50" or 60"

PN **95-0265W** White (50")
 PN **95-0114W** White (60")
 Fiber Optic Handpiece Tubing Assembly. Includes 6-Pin standard adapter. Bulb sold separately. For 5/6 pin tubing. Connects to 7/8" bulkhead. For systems sold AFTER 6/1/2006.



Tubing, 1/8" OD, 1/16" ID, 15ft length

PN **95-0109B** (Blue)
 PN **95-0109BK** (Black)
 PN **95-0109C** (Clear)
 PN **95-0109CB** (Clear w/Blue Stripe)
 PN **95-0109G** (Gray)
 PN **95-0109Y** (Yellow)

Tubing, 1/4", Water or Air Line, 15ft length

PN **95-0322B** (Blue)
 PN **95-0322BK** (Black)
 PN **95-0322C** (Clear)
 PN **95-0322Y** (Yellow)

ABOUT ASI HOLDERS

We provide numerous size and types of holders to accommodate various instruments. They are designed to fit ASI's holder bar.

AUTO – Automatically activates handpiece or instrument when foot control is pressed. A small ball in the back of the holder base pops out when the instrument is removed. An optional lever is available for the side of the holder for locking out the handpiece.

STANDARD – Used to secure instruments that are hand operated only (i.e.: air water syringe).

UNIVERSAL – Used for standard air handpiece connections and other instruments that utilize that same shape.

CUSTOM – Accommodate exact fit of various instruments. Refer to part number to locate correct holder.

COLOR – Choose beige or white.

Please Note: ASI Handpiece Holders are available for sale only to customers with ASI delivery systems. These holders will not fit other brands of delivery units, and require ASI's 12-sided holder bar design. Contact ASI Customer Support with questions.

SEE SECTION 2 FOR DECALS.

AUTO HOLDERS



Universal

95-2793A

Universal Fit - NSK Nano, KaVo,
Air driven handpieces

Custom

95-2793B

Aseptico, ProMark

95-2793C

TCM III, IV

95-2793D

Satelec

95-2793E

NSK Ultrasonic, Non-Optic

95-2793F

ENAC Ultrasonic

95-2793G

NSK Ultrasonic Optic

95-2793H

ATR Technika

95-2793I

NSK EndoMate, MMC

95-2793J

Bein Air EHLS

95-2793K

Nouvag Implant

95-2793L

Sybron Ultrasonic

95-2793M

HVE

95-2793N

Adec, Fiber Optic

STANDARD HOLDERS



Universal

95-2794A

Universal Fit - Micro
Evacuator A/W syringes

95-2794B

HVE Fit

Custom

95-2794C

NSK EndoMate

95-2794D

Calamus or B&L Alpha

95-2794E

System B-Touch & Heat

95-2794F

Elements OU

95-2794G

Elements SB

95-2794H

Aseptico

95-2794I

TCM III & IV

95-2794J

HSK Ultrasonic, Non-Optic

95-2794K

NSK Ultrasonic

95-2794L

ATR Technika

95-2794M

Satelec Ultrasonic

95-2794N

ENAC US/Zip

95-2794O

Nouvag Implant/Zip

95-2794P

Microetcher

95-2794Q

Sirona Cordless X-Smart IQ

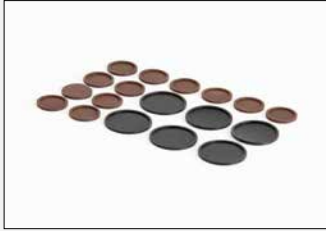
95-2794R

Tri Auto ZX II

95-2794S

NSK Endomate TC2

Please call 800.566.9953 if you are unsure
which holder you need.



Control Block Diaphragm Pucks

PN **95-0215** Full set
 PN **95-0215-1** Single set
 Full or single replacement set of diaphragm pucks for control blocks installed in ASI delivery systems made beginning 10/24/2006 – SN 592794. Full pkg 12 sm pucks, 6 lg pucks. Single pkg 2 sm pucks, 1 lg puck.



Control Block Diaphragm, 5 Position, Set of 2

PN **95-0076**
 Set of 2 (SN 591056-592793*. For SN 591055* and earlier, please upgrade control block to PN 95-0295. For SN 592794 and later, see PN 95-0215).

Control Block, with Holder Manifold, 5 Position

PN **95-0295**
 Stainless steel, 5-position.



Bulkhead Connector, Pneumatic Handpiece, 7/8"

PN **95-0189**
 7/8" Bulkhead connector for pneumatic handpiece. Starting with SN 592654. Adapts to 3/4" holes for prior serial numbers.



Syringe, Air Only, with Dryer Cartridge Chamber

PN **95-0364**
 Air only syringe with air filter in handle.



Syringe, 3-Way

PN **95-0235**
 3-Way syringe.



Syringe Tip, AutoClavable

PN **95-0010**
 AutoClavable syringe tip.



Syringe, Stropko Adapter

PN **95-0375** (2")
 PN **95-0376** (4")
 Clear away dust and air-dry the canal system.



Gasket, Pneumatic Handpiece, 5 Hole 3/4", Set of 5

PN **95-0208**
 5-Hole Pneumatic Handpiece gasket, for 3/4" bulkhead. Pkg of 5. Large strain for fiber optic handpiece.



Gasket, Pneumatic Handpiece, 4 Hole 7/8", Set of 5

PN **95-0206**
 4 Hole Pneumatic Handpiece gasket, for 7/8" bulkhead. Pkg of 5. Small strain for fiber optic handpiece.



Valve, Needle, High Precision

PN **95-0204**
 Needle Valve for precision adjustment of air/water syringes, air only syringes, chip air control and high speed hand piece water adjustment. Stainless steel.



Repair Kit, Syringe

PN **95-0089**
 Includes two syringe button cartridges, springs and o-rings, syringe tip o-ring, silicone and allen wrench.

Foot Control with Toggle Replacement

PN **95-0254**

Includes replacement foot control with toggle and 7 feet of tubing.



Foot Control Toggle, Set of 2

PN **95-0111**

Foot Control Toggle only, pkg of 2.



Repair Kit, Foot Control

PN **95-0094**

Foot Control Repair Kit (for units SN 595368* and earlier).



Repair Kit, Foot Control

PN **95-0240**

Foot Control Repair Kit. For units starting with Serial Number 595369 and after. For units prior to SN 595369, please see PN 95-0094.



Oil Mist Recovery Jar

PN **95-0258**

Oil Mist Recovery Jar – fill with one cotton 2x2 for absorbency.



Toggle Assembly, Foot Control

PN **95-0242**

Toggle assembly switch, foot control, wet/dry. Starting with SN 595369* and after. For SN 595368* and earlier, please upgrade foot control with PN 95-0254.

TECH TIP:

HANDPIECE AUTO-HOLDER STICKING OR LEAKING AIR.

- If actuator ball sticks and doesn't pop out to allow handpiece to run when pressing the foot control, the ball may be stuck due to being gummed up from disinfectant. To clean, use a paper towel or cloth and try moving the ball back and forth to free. If this fails to clear it the holder will need to be replaced.
- If the holder is leaking air around the actuator ball, it could be two different causes: the control block diaphragm has a hole in it and is allowing air to exhaust back out of the holder, or the o-rings inside the holder have dried out.
- Do not use bleach or hydrogen peroxide to clean holders.

FOOT CONTROL STICKING.

- If the disc is sticking or leaking air, a rebuild kit may be needed, or grease the valve o-rings with silicone grease. Caution - use only silicone lubricant when lubricating instrument o-rings. Petroleum products will cause permanent damage to the o-rings.

NOTE: in some cases, air leaking from the foot control is due to a hole in the control block diaphragm. Replace the diaphragm(s) in the control block.

SECTION 3: DELIVERY SYSTEM REPAIR PARTS



Switch, Air Electric,
Normally Closed

PN Black Body **95-0138**
Air Electric Switch (Normally Closed).
Used to select hand pieces from specific
auto-holders (eg. dual ultrasonic and auto
vacuum holders) Order one switch per
instrument. Ideal replacement interval is
every 3-5 years. Formerly PN 80-0199.



Switch, Air Electric,
Normally Open

PN **95-0137**
Air Electric Switch (Normally Open).
Used to send signal from foot control.
Order one switch per instrument. Ideal
replacement interval is every 3-5 years.
Formerly PN 80-0198.



Pressure Gauge,
Replacement for
Microetcher, 0-60 psi

PN **95-0145**
Pressure Gauge, Replacement for
Microetcher, 0-60 psi.



Transformer, Dual Voltage

PN **95-0300**
Toroidal transformer (Revision D), Dual
input voltage, 9V, 24V, and 28V AC
outputs, Includes mounting plate for
retrofit of square transformers.



Gauge, Pressure,
Handpiece, 0-100 psi

PN 0-100psi HP **95-0136**
Handpiece Pressure Gauge, Rectangular
(0-100 psi).



Gauge, Water System
Bracket, 60psi

PN **95-0266**
Pressure gauge for Water Bottle Bracket
system (60psi). For systems sold
05/2005 and later.



Gauge, Air Pressure, Endo,
0-30 psi

PN **95-0151**
Endo Air Syringe pressure gauge, round
(0-30 psi).



Regulator, Endo Air
Syringe

PN **95-0361**
Replacement regulator for endo air
syringe. For replacement endo air
syringe gauge, see PN 95-0151.



Switch, Toggle,
Dual Pole

PN **95-0249**
Dual pole toggle switch.



Switch, Toggle,
Single Pole

PN **95-0250**
Single pole toggle switch.



Switch, Rocker

PN **95-0296**
Dual pole rocker switch for AC120
(2-position). On/Off switch for Air
Compressor and Vacuum Pumps on self-
contained delivery systems.



Switch, Circuit Breaker,
Push Button, 15 amp

PN **95-0174** 15amp.
PN **95-0174-X** 1amp or 2amp
15 amp - circuit breaker switch. 1 amp -
ELS (Rotary), Ultrasonic; 2 amp - EHLS.



Quick Connect, Male, 1/4"
Air

PN **95-0341**
Male air quick connect with
compression fitting for 1/4" outer
diameter tubing.



Quick Connect, With Plug,
Male, 1/4" Air

PN **95-0341P**
1/4" male air quick connect with 10/32"
removable plug. Plug can be used with
1/16" or 1/8" barbs.



Quick Connect
Convenience Outlet

PN **95-0248**
Quick Connect - Air or Water
Convenience Outlet.



Tandem Water System Upgrade, With DentaPure and Bottles, for Umbilical System

PN 95-0389

Tandem Water System Upgrade, With DentaPure and Bottles, for Umbilical System.



PN 95-0429
QuickPass® Dental
Water Test Kits.

TECH TIPS:

WATER NOT FLOWING FROM HANDPIECES OR AIR/WATER SYRINGE.

- Check water bottles and ensure they are full, switched on, and that air pressure gauge is reading around 25-35psi.
- Try switching the bottle selector valve from one bottle to the other, as it may be clogged and need replacement.
- Bottle threads are worn and not sealing correctly. Replace bottles annual or sooner if necessary.

WATER NOT FLOWING TO HANDPIECES.

- Check to see if water is not flowing from any handpiece to determine if it is isolated to just one tubing. Ensure that all flow control valves for water have been opened.
- Check the water on/off toggle located on the foot control to see if it is working. Replace if necessary.
- Check the water output side of the relay by disconnecting the tubing from the relay to the control block and pressing the foot control. If still no flow, replace water relay valve.



Water System Disinfecting Cartridge, DentaPure®

PN 95-0281

DentaPure in-line pick up cartridge with non-allergenic isotopic iodine. Prevents build-up of biofilm in tubing without harsh chemicals or powders that may damage the internal components of the delivery system. Lasts 365 days.



Bracket, Tandem Bottle Upgrade

PN 95-0382

The Tandem Water System requires just one DentaPure, and eliminates the manual bottle selector switch. On/Off toggle valve is self-relieving and will depressurize bottles in the off position. DentaPure not included.



Bottle, Water, 1 Liter, Closed System

PN 95-0140 (28mm, 1")

PN 95-0347 (38mm, 1.5")
28mm – for systems built BEFORE 7/1/2011, 38mm – for systems built AFTER 7/1/2011. Includes either an O-Ring (95-0347) or 5 replacement gaskets (95-0140).



Valve, Routing Selector, Toggle

PN 95-0143

Routing selector valve (toggle between bottle 1 and 2) for units made before 03/12/2018. Stainless steel. Replaces rotating dial in older ASI units. Also used as on/off switch on bottle brackets for units made 03/12/2018 and after.



Valve, Water Relay

PN 95-0135

Stainless Steel Water Relay Valve. Proportionate retraction eliminates need for anti-retraction valves.



Tubing, Water Bottle Uptake

PN 95-0284

Replacement pick up tube for water bottle uptake.



Pressure Head, Replacement for Tandem Water System

PN 95-0367

Pressure Head, Replacement for Tandem Water System (carts after 11/06/17).



Pressure Head, Closed Water System

PN 95-0142

Closed Water System Pressure Head 38MM neck size (without Gauge)
For systems sold between 06/01/2011 and 11/06/2017.



Valve, On/Off Relieving Toggle for Water System

PN 95-0352

Brass On/Off Toggle for water systems. Relieving type exhausts air when turned off. Not for use with irrigation bracket. For units made before 03/12/2018.



Regulator, Closed Water System, 35 psi Inline

PN 95-0216

Mini Inline Regulator for Closed Water System – 35 psi.



Check Valve Replacement Kit for Tandem Water Bottle System

PN 95-0387

Check Valve Replacement Kit for Tandem Water Bottle System.



Gasket, Pressure Head, 28mm, Set of 10

PN 95-0146

Gasket for closed water system (white). For 28mm neck size bottles (fits PN 95-0140), pkg of 10.

TECH TIP: CLEAN WATER SYSTEM - DENTAPURE

The system is equipped with a refillable water bottle system that uses compressed air to pressurize the water. Depending on your cart configuration, your system may have a single or tandem dual water bottle system. Tandem systems let water flow from the second bottle directly into the first bottle to provide extra capacity.

For water line disinfection, the system is equipped with a DentaPure DP365 cartridge that is contained in the primary bottle. The cartridge will work for one year before needing replacement.

To use the system, unscrew the bottles and clean appropriately. Remove the protective cap from the base of the blue DP365 cartridge. Fill the bottle(s) with low mineral water to a level below the neck of the bottle and reattach. Ensure the bottles are firmly tightened to prevent air leaking. Flip the switch to ON to pressurize the bottles.

IMPORTANT – Do not use tablets, bleach or other caustic liquids in the water system as they may damage internal components. It is recommended to use the DentaPure cartridges in the system for water line disinfection.

SECTION 5: SUCTION INSTRUMENTS & SUPPLIES



Solids Trap Canister, Bottom Port, Large

PN 95-0175

For assistant's packages and classic cart with drawers.



Solids Trap Canister, Side Port, Large

PN 95-0247

Canister/Solids Trap, large size with side drain. (For units built after 10/2003).



Lid, Large Solids Trap, with O-Ring

PN 95-0121

2 1/8" x 2 1/4" #34 – Fits PN 95-0247 Canister and PN 95-0175 Canister.



Solids Trap Screen, Large with Lid, Set of 25 or 144

PN 95-4054 (25), **PN 95-0088** (144)
2 1/8" diameter (for units built after 10/27/2003).



O-Ring, for HVE Barb or Spool, Set of 10

PN 95-4040

HVE Barb or Spool O-Ring, pkg of 10.



O-Ring, Saliva Ejector Nose Cone or Micro Evacuator, Set of 10

PN 95-4041

SE & ME Tip O-Ring, pkg of 10.



O-Ring for Solids Trap Lid, Set of 5

PN Small 95-0091

PN Large 95-0091L

Small – 1 7/8" x 2" #32 (PN 95-0091) – Fits small solids canister only, units made before 10/2003. Large – 2 1/8" x 2 1/4" #34 – Fits PN 95-0121 Lid, PN 95-0247 canister, and PN 95-0175 canister.



Auto Suction Upgrade Kit

PN 95-0405

Auto suction upgrade kit.



Spool Assembly, Ergo HVE & SE

PN 95-0230

Titanium spool assembly for Ergo high volume evacuator and saliva ejector.



O-Ring, Standard Irrigator & Saliva Ejector

PN 95-4034

O-Ring for saliva ejector or standard micro irrigator connector. Pkg of 10.

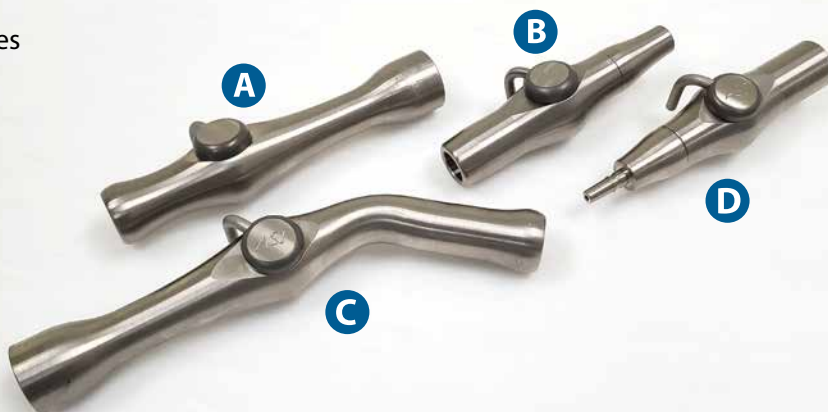
Suction Handpieces

A **PN 90-2758**
Straight HVE

B **PN 90-2759**
Saliva Ejector

C **PN 90-2762E**
Ergo Angle HVE

D **PN 90-2763**
Micro Evacuator



TECH TIP:

Use ASI approved O-Ring grease **PN 95-0085**. Do not use petroleum jelly products, as they will damage o-rings.

KEEP CLEAR™



**Keep Clear Atomizer
Bottle, 8oz. Solution**
PN 95-0320

Adapter partners with your ASI suction handpieces to atomize concentrate directly without needing to dilute. Includes atomizer top, 8 oz. bottle and 8oz. of Keep Clear evacuation cleaner.



PN 95-0278-C4
Keep Clear – One case of four 1-gallon containers and free dispenser pump.



PN 95-0278
Keep Clear is a natural, enzyme-based, non-foaming evacuation system cleaner designed for your ASI unit.



Keep Clear Dispenser Pump

PN 95-0279
Quickly dispenses Keep Clear suction system cleaner in 1oz. increments.

TECH TIP: CLEANING THE EVACUATION SYSTEM - KEEP CLEAR

The following are critical criteria for cleaners to maintain your ASI Suction System:

#1) MUST HAVE PROTEASE ENZYME

Protease is a class of enzyme that is highly effective at breaking down the protein solids in blood and saliva. The protease enzyme has proven effective in keeping the walls of the suction tubing and canister clean and odor free.

#2) MUST BE NON-FOAMING

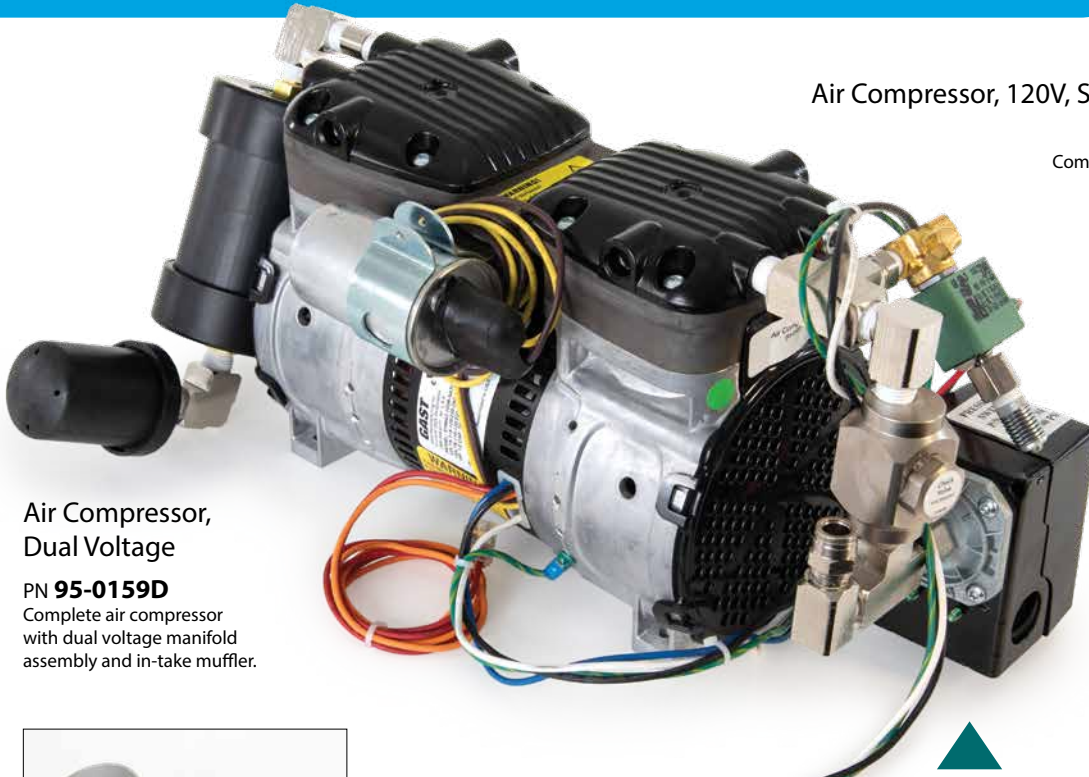
The suction cleaner needs to be non-foaming to prevent foam from being suctioned down into the vacuum pump.

#3) MUST BE PH BALANCED

Cleaning solutions must be pH balanced between 6 to 8 (on a scale of 1 to 14). If the solution is not pH balanced it can release the mercury from the amalgam, causing it to be flushed with the water discharge and not collected (eventually reaching water ways and streams). This is an EPA requirement when using an amalgam separator.

DON'T USE BLEACH!

SECTION 6: PORTABLE COMPRESSOR SYSTEM PARTS



Air Compressor, 120V, Standard Pressure

PN **95-0197**

Complete air compressor with manifold assembly and in-take muffler, standard pressure (100psi), 120V.

Air Compressor, Dual Voltage

PN **95-0159D**

Complete air compressor with dual voltage manifold assembly and in-take muffler.



Rebuild Kit, Compressor

PN **95-0378**

Trying to rebuild your compressor?
Does your compressor look like this?

All other individual parts for the compressor, like the check valve or pressure switch, can be used to replace faulty parts on either compressor model.



Compressor Manifold

PN **95-0416**

For 115v compressor, includes pressure switch, check valve, solenoid, and brass assembly.



Repair Kit, Air Compressor

PN **95-0069**

Trying to rebuild your compressor?
Does your compressor look like this?



Compressor Manifold

PN **95-0417**

For dual voltage, compressor, includes pressure switch, check valve, solenoid, and brass assembly.

TECH TIPS:

COMPRESSED AIR VOLUME IS REDUCED.

- Piston cups in pump are worn. Use rebuild kit to replace. Verify correct version.
- Leak in regulator. Replace regulator assembly with correct version.
- If compressor is running constantly, the unloader solenoid may be sticking open. Replace solenoid.
- Water bottle not sealing. Replace gaskets or bottles.
- Gasket on handpiece is worn or not tight. Tighten handpiece adapter firmly or replace gasket.

- Air leaks in tubing. Locate leak and replace tubing and/or fittings.

COMPRESSOR WILL NOT START

- If the compressor has a pungent electrical smell, it may be stalling when attempting to start. The problem is usually check valve allowing air back in and back pressuring the heads. Remove check valve. Clean or replace valve PN **95-0108**.
- Start up capacitor may need replacement.



Regulator, Manual Drain, Body Only

PN 95-0178A

Replacement regulator for units with SN 170101 to SN 190820. Unit must already be equipped with air tank purge valve on the back door of delivery system.

Regulator, Air Tank, Purge System Upgrade

PN 95-0345

Upgrade/replacement kit for auto drain regulator PN 95-0178, for carts prior to SN 170101. Includes air regulator with manual purge fitting PN 95-0178A and external purge valve with tubing.



Regulator, Remote Mount, Body Only

PN 95-0178C

Regulator, air tank assembly, manual drain, remote mount. Replacement regulator for units with SN 190820 and after.



Muffler, Vacuum & Air Compressor

PN 95-0163

Muffler for vacuum pump and air compressor (filter silencer).



Attenuator Assembly, Air Compressor

PN 95-0162

Attenuator for air compressor.



Pressure Switch, Air Compressor, 100psi

PN 95-0264

100psi Air Compressor Pressure Switch. For self-contained systems with aluminum air tanks, sold after 06/2006.



Capacitor, Air Compressor, Dual Voltage

PN 95-0124

Capacitor for dual voltage air compressor (#25L567). For units manufactured with SN 180319 and earlier. For SN 180320 and later, please see PN 95-0398.



Capacitor, Air Compressor 115V

PN 95-0063

Standard capacitor for 115V compressor (#27L572). For Units with SN 180313 and before. See PN 95-0398 for SN 180314 and after.



Check Valve, Compressor Manifold

PN 95-0161

Compressor manifold check valve. Nickel plated. See PN 95-0108 for check valve repair kit.



Repair Kit, Check Valve

PN 95-0108

Check valve repair kit. Nickel plated. (Used after 9/2004). See PN 95-0161 to replace entire check valve assembly.



Valve, Solenoid, 2 Way, Dual Voltage Systems

PN 95-0228

2-Way solenoid valve for dual voltage systems.



Valve, Solenoid, Miniature Exhaust, 3 Way

PN 95-0177

Miniature exhaust solenoid valve, 3 way (120 volt/60 hertz only).



Valve, Air Tank Purge, Body Only

PN 95-0394

Replacement air tank purge valve, body only. For self-contained units with a manual drain regulator PN 95-0178A or PN 95-0178C.



Valve, Air Pressure Relief, Pop-Off Assembly, 90 PSI

PN 95-0349

90 psi. For umbilical systems made after 09/2004.

SECTION 6: PORTABLE SUCTION SYSTEM PARTS

High Flow Vacuum Upgrade Retrofit Kit

PN **95-0392**
High flow vacuum upgrade retrofit kit.



High Flow Vacuum Rebuild Kit

PN **95-0431**
Repair Kit for Thomas 2755 Series high flow pump.



Capacitor, Replacement for High Flow Pump

PN **95-0432**
Replacement capacitor for Thomas 2755 Series high flow pump.



Capacitor, Replacement for Compressor and Vacuum

PN **95-0398**
For compressor PN 95-0197 & PN 95-0159D (40-0080) and vacuum Pump PN 95-0167 & PN 95-0167D (40-0081). For units with SN 180314 and after. See PN 95-0063 for compressor capacitor replacement on units SN 180313 and before. See PN 95-0064 for vacuum capacitor replacement on units SN 180313 and before.



Leaf Valve, Vacuum and Compressor Pump, Set of 2

PN **95-0127**
Fits all models of vacuum pumps, as well as compressor pumps on units manufactured with SN 180319 and later.



Vacuum Pump, 120V

PN **95-0167**
Complete vacuum pump with capacitor for 120 volt systems.

Vacuum Pump, Dual Voltage

PN **95-0167D**
Complete vacuum pump with capacitor for dual voltage systems.



Rebuild Kit, Vacuum Pump
PN **95-0378**

Trying to rebuild your vacuum pump? Does your pump look like this?

All other individual parts for the vacuum pump, like the check valve or pressure switch, can be used to replace faulty parts on either vacuum pump model.



Repair Kit, Vacuum Pump
PN **95-0068**

Trying to rebuild your vacuum pump? Does your pump look like this?





Retrofit
Install Kit
PN 95-0346

AMALGAM SEPARATOR

This disposable, unit-mounted amalgam separator mounts to the back door of self-contained systems with internal vacuum pumps.

The internal suction canister is purged through the separator to capture amalgam particles. A dove-tail bracket design with push-to-release connectors simplifies replacement of cartridges.

The separator is designed as a Type 3 amalgam separator, and is tested to ISO 11143. The filter should be changed every six months or sooner, depending on usage.



Cartridge, Replacement

PN 95-0332

Includes replacement cartridge only. Brass quick connects should be reused – but can be replaced see PN 95-0333.



Connector Replacements, Set of 2

PN 95-0333

Replacement brass quick connects for ASI's externally mounted Amalgam Separator. Set of two (in-flow and out-flow connections).



Amalgam Separator Recycle Kit

PN 92-DDRE5.0

For disposal of amalgam separator cartridges and other dental waste. Comes with prepaid return shipping label. Holds 5-6 cartridges.

Sediment Bowl, Bottom Drain

PN 95-0339

This upgrade kit allows the suction canister to drain faster without the constant need to empty the sediment bowl (still recommend cleaning sediment bowl annually).

What's included:

- A replacement sediment bowl with a bottom drain.
- A replacement purge hose.
- A plug for side of the canister.
- Complete installation instructions.



TECH TIPS:

VACUUM IS LOW.

- Replace solids trap screens.
- Crack in tubing or solids trap collector housing. Replace housing if required.
- Vacuum motor will not start.
- The suction canister is full and the overflow switch is engaged. Purge the suction canister completely.
- The autoholder for the suction handpiece may be locked out. Remove the suction handpiece from the holder and ensure the lever is pointing down to the floor.
- Start up capacitor may need to be replaced.

SUCTION CANISTER WILL NOT PURGE

- The pick-up tube in the canister is clogged. Remove and clean sediment bowl per operation manual instructions.
- Peristaltic purge hose tubing is clogged or misaligned in the pump. Try massaging tubing to clear or adjust tubing in the pump. Replace tubing if necessary.

SECTION 6: PORTABLE SUCTION SYSTEM PARTS



Purge Pump Assembly, Purge System

PN 95-0293

Includes bracket, motor & head. (Starting with SN 592735).



Purge System, Waste Purge Pump

PN 95-0170

Waste purge pump, air driven. (SN 592735 and earlier).



Purge Pump, Shurflo, Replacement

PN 95-0402

Purge pump, shurflo, replacement, tubing not included (See PN 95-0400).



Purge Pump, Shurflo, Retrofit Kit

PN 95-0404

Purge pump, shurflo, retrofit kit.



Tubing, Replacement Purge Hose

PN 95-0400

Tubing, replacement purge hose, internal assembly, for shurflo purge pump.



Hose Assembly, Side Drain, Waste Purge System

PN 95-0205

Waste purge hose assembly (peristaltic), side drain.



Purge Hose Assembly, Bottom Drain

PN 95-0334

Replacement purge hose assembly for bottom drain sediment bowl.



Bottom Drain Purge Hose

PN 95-0403

For international and DV carts only. For units made 9/2019 and after.



Inline Filter Screens

PN 95-0423

Inline filter screens for replacement of purge tubing filter PN 95-0400.



Tubing, Purge Hose, with Plug

PN 95-0401

Replacement purge hose tubing, external assembly. Only compatible with units with male quick connect purge assembly on chassis for SN 200102 and after.



Hose, Waste Purge, Purge System

PN 95-0306

Waste purge hose external assembly with plug.



Plug, Purge Tube, Replacement

PN 95-0362

Plug, purge tube, replacement.

Canister, Waste Suction with Sediment Bowl

PN 95-0343

Replacement suction waste canister for self-contained units. Includes waste canister and sediment bowl with bottom drain. Canister pre-fitted with float switch assembly (shuts off vacuum if canister overfilled).



SECTION 6: PORTABLE SUCTION SYSTEM PARTS

Bacteriostatic Filter

PN **95-0058**
Replacement bacteriostatic filter.

Retro Fit Kit

PN **95-0413**
Bacteriostatic filter retro fit kit.



Relay, 25 Amp

PN **95-0328**
Solid state 25 amp relay for self contained delivery units. Use for units with SN 180118 and before.



Vacuum Relay, 25 Amp

PN **95-0370**
Solid state 25 amp relay for self contained delivery units. For units SN 180119 and after.



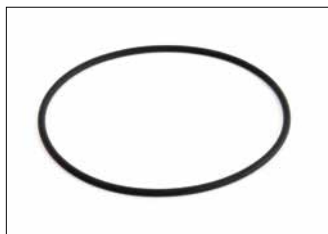
Relay, Indicator

PN **95-0371**
Relay, Indicator, SN 180119 and after.



Capacitor, Vacuum Pump 115V

PN **95-0064**
For units with SN 180313 and before. See PN 95-0398 for 180314 and after.



O-ring, Sediment Bowl

PN **95-0391**
O-ring, sediment bowl.



Filter, for Muffler, Set of 2

PN **95-0093**
Fits inside muffler on both the vacuum and compressor pump, pkg of 2. See PN 95-0163 to replace entire muffler.



Valve, Vacuum Relief

PN **95-0168**
Vacuum relief valve.



Nitrous Exhaust Retrofit Kit

PN **95-0359**
Nitrous Exhaust Retrofit Kit.

Attenuator Assembly, Vacuum Pump

PN **95-0169**
Attenuator assembly for vacuum pump.



SECTION 7: INSTRUMENTS – ULTRASONICS



Upgrade Kit, Satelec Ultrasonic

PN 95-0222

The SATELEC digital ultrasonic upgrade kit is designed for units built prior to 6/22/07. Includes display panel mount, Newtron module, handpiece tubing, harness and transformer. Large Strain relief. For units made after 6/01/06.

Ultrasonic Upgrade Kit, Small Strain Relief

PN 95-0383

The SATELEC digital ultrasonic upgrade kit is designed for units built prior to 6/22/07. Includes display panel mount, Newtron module, handpiece tubing, harness and transformer. Small Strain relief. For units made before 6/01/06.

Handpiece, Satelec Ultrasonic

PN 92-ASF12281

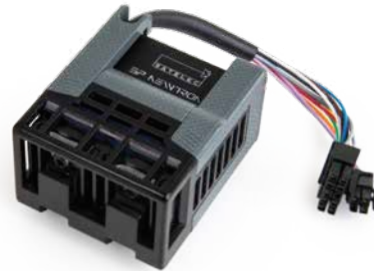
Satelec Ultrasonic Handpiece



Display, Digital Satelec Ultrasonic

PN 95-0199

Satelec ultrasonic 7 segment display. Rev D for systems made AFTER 12/2011. Not compatible with units built prior to 06/22/2007. See Ultrasonic upgrade kit (95-0222).



Module, Satelec Ultrasonic SP Newtron

PN 95-0198

Satelec ultrasonic SP Newtron module.



Tubing, Satelec Ultrasonic Handpiece

PN 95-0123L (60")

PN 95-0123LS (60")

Order the PN 95-0123L Large strain relief (7/8") for units manufactured after 06/01/2006. Order the 95-0123LS Small strain relief (3/4") for units manufactured prior to 06/01/2006. For analog units, you must also order the adapter harness PN 95-0316.



Harness, Wiring for Satelec Ultrasonic, Digital

PN 95-0200

Satelec ultrasonic wiring harness (digital).



Harness, Wiring for Satelec Ultrasonic Analog

PN 95-0201

Satelec ultrasonic wiring harness (analog) with knob controlled power potentiometer.



Harness, Wiring for Analog Ultrasonic Adapter

PN 95-0316

Connects analog control units to digital tubing.



Tubing, EMS/Mini Endo

PN 95-0267

Tubing, EMS/Mini Endo.

TECH TIP:

ULTRASONIC DISPLAY LIGHTS UP, BUT NO, LOW OR INTERMITTENT POWER TO HANDPIECE TIP.

- Replace with new and correct brand of tip.
- Replace with a different handpiece to verify handpiece is working. Replace handpiece if required PN 92-ASF12281.

- Tubing may have worn or broken wires. Verify line continuity with multi-meter. Replace if required PN 95-0123.
- Newtron Module may not be working. Substitute with a different module to verify. Replace if required PN 95-0198.

SECTION 7: INSTRUMENTS – ELECTRIC MOTORS



KaVo Premium Motor Cord

PN **92-KV1011.7200**

Fits KaVo Eletromatic Plus, Premium & Premium Dual.



Aseptico DTC Motor/Cord Replacement

PN **92-AIAE-4B-30**

For Aseptico AEU -25 Endo DTC, AEU -70 7Av2 and AEU 17Bv2.

TECH TIPS:

ROTARY MOTOR/ULTRASONIC: RUNS WHEN NOT PRESSING FOOT CONTROL; STOPS RUNNING WHEN FOOT CONTROL IS PRESSED.

- The contacts in the air electric switch are not working. Replace the switch (PN 95-0137).
- Make sure the correct adjustment stem on the control block portion for that handpiece has been opened to allow air flow to the handpiece or activation switch for electric instruments.

HANDPIECE OR INSTRUMENT DOES NOT OPERATE.

- Verify the lock out lever on the side of the holder is pointing straight down to the floor.
- Make sure the correct adjustment stem on the control block portion for that handpiece has been opened.

SECTION 7: INSTRUMENTS – OBTURATION



A Obtura III, Max Gun Cradle

PN **95-0252**

Gun cradle stand for Obtura III Max. Does not include protector or gun.

B Obtura Gun Protector

PN **95-0120**

Obtura gun protector, includes two 6/32 x 1/2" screws. Does not include cradle or gun.

SECTION 7: INSTRUMENTS – IRRIGATION



Handpiece, Micro Irrigator for Standard Irrigation

PN 95-0271

Titanium micro irrigator handpiece (standard irrigation). Integrated slip luer with lock luer option. Replaceable push button assembly.



Valve, Standard Irrigator, Replacement

PN 95-0192W

Standard irrigator valve replacement. Titanium for PN 95-0271.



Handpiece, Active Irrigator

PN 95-0325

Titanium handpiece body for active irrigator. Includes replaceable button valve (positive pressure) assembly. Sonic Orbiter and plastic handle not included.



Irrigator Valve, Active Irri-Vac Replacement

PN 95-0245P

Replacement titanium irrigator valve for Sonic (active) Irri-Vac PN 95-0325. Positive pressure.



Active Orbiter Assembly

PN 95-4045

Active orbiter assembly.



Active Irrigator Nose Cone

PN 95-3026 R, G or O

Titanium tip for active irrigation handpieces. Replaces plastic nose cones for more durable threads. Select from red, orange, or green.



Irrigator Rinse Cup

PN 95-0283

Convenient method for soaking handpieces overnight. Simply fill cup with water, place in holder, and leave in cup overnight.



Irrigation Bottle, Brown, 16oz

PN 95-4026

Amber (brown) irrigation bottle with sealing cap. 16 oz, 28mm, (for systems built prior to 2005).



O-Ring Kit, For Active Orbiter

PN 95-4046

Active orbiter O-ring kit, includes #1 1/2, #6, #8. Pkg of 5 each size.



O-Ring, Silicone #1 1/2, #6 or #8, Set of 10

PN 95-4042 (#1 1/2)

PN 95-4043 (#6)

PN 95-4044 (#8)

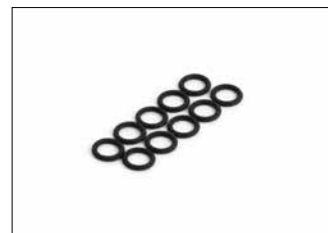
O-Ring, Silicone #1 1/2, #6 or #8. Pkg of 10.



O-Ring, Standard Irrigator & Saliva Ejector

PN 95-4034

O-Ring for saliva ejector or standard micro irrigator connector. Pkg of 10.



O-Ring For Small Irri-Vac Connector, Set of 10

PN 95-4035

0.125" inside diameter X 0.187" outside diameter. Fits standard and active IrriVac connector valves. Pkg of 10.



Connector Valve, Active Irri-Vac, Positive

PN 95-0225 Positive

Connector valve for active Irri-Vac with positive.



Connector Valve, Irri-Vac

PN 95-0227

For standard Irri-Vac.



Connector Valve, Standard Irrigation Handpiece

PN 95-0234

Connector valve for standard irrigation handpiece. Includes built-in shut-off of solution when handpiece is removed for cleaning.



Color Code Ring

PN 95-0272R, G or O

Color code ring for irrigation handpieces. Select from green, orange, or red.

Bracket, Micro Irrigator

PN Single **95-0116S**

PN Dual **95-0116D**

PN Triple **95-0116T**



Tubing, Air Supply, Micro Irrigator System

PN **95-0173**

Air supply tubing for micro irrigator system. Includes regulator and on/off toggle.



Regulator, 22-23 psi, Titanium, for Irrigation

PN **95-0171**

Inline regulator check valve assembly for irrigation bracket (22-23psi). For systems sold 10/1/08 or later.



Valve, Titanium, for Irrigation Bracket

PN **95-0259**

On/Off toggle valve for irrigation systems. Relieving type exhausts air when turned off.



Pressure Head, Irrigation System

PN **95-0153**

Irrigation system pressure head 38MM with titanium barbs (for systems sold after May 1, 2006 – SN 592637 and after).

TECH TIPS: IRRIGATION

- Always use O-Ring grease when installing or replacing parts. Do not use petroleum Jelly such as vaseline as it will corrode the o-ring.
- To prevent corrosion, use only ASI barbs and fittings for connecting irrigation tubing.

IRRIGATION HANDPIECE DRIPS OUT THE END OR BUTTON STICKS

- May need to be flushed with water or soak handpiece overnight. Order rinse cup PN **95-0283**.
- O-rings in valve are worn. Replace button valve PN **95-0192** or PN **95-0245**.

IRRIGATION HANDPIECE LEAKS AROUND BASE OF HANDPIECE

- Connector may be leaking and needs to be replaced.
- O-rings are worn and need replaced.

NO OR LOW FLOW PRESSURE OF IRRIGATING SOLUTION

- Line is clogged from dried solution. Run warm water through bottles and lines and soak overnight to dissolve clog. Never allow solution to dry out in lines. Periodically rinse lines with water and flush weekly. Never air dry lines without first flushing lines with water to remove solution.
- Verify flow control is open.
- Air pressure should be 10-23psi maximum. Replace in-line check valve regulator assembly PN **95-0223**.
- Bottle not sealing. Replace gaskets PN **95-0156** or bottles PN **95-4027**.

Active irrigation tip not moving

- Orbiter is plugged with dried solution. Soak handpiece in water overnight. Use rinse cup PN **95-0283**.

SECTION 7: INSTRUMENTS – IRRIGATION



Bottle, Irrigation Solution

PN 95-4027L

Irrigation solution bottle. Comes with cap and label. 8oz. bottle with 38mm opening. For units built in 2005 and after. Select from red, orange, green or blue.

Tubing, Irrigator Line, 10ft

PN 95-0147 (Red)

PN 95-0148 (Green)

PN 95-0149 (Orange)

Irrigation line tubing, 10 feet per pack.



Gasket, Pressure Head, 28mm, Set of 10

PN 95-0146

Gasket for closed water system (white). For 28mm neck size bottles (fits PN 95-0140), pkg of 10.



Gasket, Irrigation Pressure Head, 38mm, Set of 10

PN 95-0156

Gasket for irrigation system (white). For 38mm neck size irrigation bottles, pkg of 10. (For 38mm neck bottles used in 2005 and after).



Luer Lock Ring, Finger Snap Adapter, Set of 5

PN 95-0318

Clear. Goes on titanium irrigator, pkg of 5.



Luer, Female, Kynar Set of 5 (old style)

PN 95-0150

Luer, Female, Kynar set of 5 (old style).



Tubing, Handpiece, Articulating Irrigator

PN 95-0155

Articulating irrigator handpiece tubing / articulating (pharmed, beige).



Tip Adapter, Micro Irrigator, Set of 10

PN 95-4029 (Red)

PN 95-4030 (Clear) shown

Tip adapter, micro irrigator, pkg of 10.



Tubing, Micro Irrigator

PN 95-0115 (50")

PN 95-0115L (60")

Micro irrigator tubing for Arm systems, 50 or 60 inch.



Tubing , Active Irri-Vac, Positive Flow

PN 95-0256 (50")

PN 95-0256L (60")

Replacement handpiece tubing for active IrriVac. Positive pressure irrigator flow. Suction line and irrigation line.



Tubing , Active Irrigation, Positive Flow

PN 95-0243 (50")

PN 95-0243L (60")

Replacement handpiece tubing for active irrigation handpiece. Positive pressure irrigator flow. Air line and irrigation line.



Tubing, Irrigation, Peristaltic

PN 95-0410

PN 95-0410-20 (20 pack)
Irrigation peristaltic tubing. Works with Bien Air MX-1 and ENAC U.S. instruments integrated in ASI carts along with any other external irrigation handpieces.



Fiber Optic Power Pack

PN 95-0229

5 handpiece position drive air power pack, 9 to 11 Volt AC input, 3.4 to 3.7 Volt DC output (HP1 thru HP4). 13 Volt DC output on HP5 (for curing light).



Adapter, Fiber Optic ISO-C, 5 Hole, 6 Pin

PN 95-0139

Fiber optic adapter for 5 hole to 6 pin conversion (for 5/6 Hole universal style tubing).



Bulb, Fiber Optic, Halogen

PN 95-4025

Replacement fiber optic bulb for ASI's universal 5/6 pin fiber-optic connection (Halogen).



Bulb, LED

PN 95-0282

LED bulb for ASI universal 5/6 pin fiber optic connection. Brighter, whiter and longer lasting.

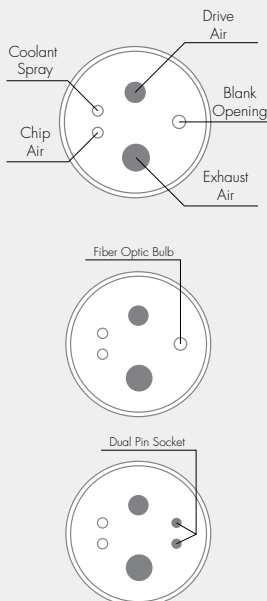


Bulb, Fiber Optic

PN 95-0026

Replacement fiber optic bulb for 5-hole style tubing (for systems sold before 05/01/2005).

LOOKING FOR FIBER OPTIC TUBING - SEE SECTION 2



ABOUT FIBER OPTICS 5 HOLE OR 6 PIN CONNECTIONS

STANDARD CONNECTION

ASI'S pneumatic connections are standard and accommodate handpieces made to ISO standards. The connection provides:

- **Drive Air** – Air travels up the tubing to operate the turbine in high speed handpieces or the air motor in air-driven low speed handpieces.
- **Exhaust Air** – As drive air leaves the turbine or air motor, it exhausts down this tubing and exits through the oil mist recovery jar.
- **Chip Air** – An air stream which blows onto the cutting bur; assists in removing debris; aids in visibility and cutting while using a

highspeed handpiece. Also used to atomize coolant spray. Not all air driven high speed handpieces are ported for chip air; verify this option for the brand of handpiece being used.

- **Coolant Spray** – Allows water to flow up to high speed handpieces and to be sprayed onto the bur.
- **Blank Hole or Fiber Optic Connection** – Non-operative, but allows the use of fiber optic handpiece in standard non-fiber optic connection. If tubing is fiber optic, it will have a bulb for 5-Hole connections or two sockets for 6-Pin fiber optic handpiece connections.

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