TECHNICAL MAINTENANCE MANUAL

WTX INFLATOR

CHANGE RECORD

PAGE #	REV. DATE	TITLE OR DESCRIPTION	CHANGE MADE BY
All	March 20, 2010	Remove section on replacing brass button	Aqua Lung America
All	Nov 1, 2014	Add WTX-D & PSD Inflator	Aqua Lung America
8	Feb 1, 2017	Installation change to PSD inflator Spectra cord	Aqua Lung America

CONTENTS

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INTRODUCTION

This manual provides factory prescribed procedures for the correct service and repair of the Aqua Lung or Apeks products described in this manual. It is not intended to be used as an instructional manual for untrained personnel.

The procedures outlined within this manual are to be performed only by personnel who have received Factory Authorized training through an Aqua Lung or Apeks Service & Repair Seminar. If you do not completely understand all of the procedures outlined in this manual, contact Aqua Lung to speak directly with a Technical Advisor before proceeding any further.

WARNINGS, CAUTIONS, & NOTES

Pay special attention to information provided in warnings, cautions and notes that are accompanied by one of these symbols:

WARNINGS indicate a procedure or situation that may result in serious injury or death if instructions are not followed correctly.

CAUTIONS indicate any situation or technique that will result in potential damage to the product, or render the product unsafe if instructions are not followed correctly.

NOTES are used to emphasize important points, tips and reminders.

SCHEDULED SERVICE

It is recommended that the Inflator and Over-Pressure valves should be rinsed in fresh water after each use, and should be disassembled and serviced annually.

However, if at all unsure about the correct functioning of the Inflator, then it must be inspected immediately.

An Official Inspection consists of:

1. Check that all parts are assembled correctly and that no parts are loose.

2. Inspect for signs of corrosion, cracks, damage to sealing surfaces and check the general condition of the inflation assemblies.

3. Inspect ribbed hose for holes or tears and confirm that it is securely clamped on both ends.

4. Follow FINAL TESTING instructions located in this manual.

If a inflator fails any of the 4 steps it should be fully serviced.

GENERAL GUIDELINES

1. In order to correctly perform the procedures outlined in this manual, it is important to follow each step exactly in the order given. Read over the entire manual to become familiar with all procedures before attempting to disassemble the product in this manual, and to learn which specialty tools and replacement parts will be required. Keep the manual open beside you for reference while performing each procedure. Do not rely on memory.

2. All service and repair should be carried out in a work area specifically set up and equipped for the task. Adequate lighting, cleanliness, and easy access to all required tools are essential for an efficient repair facility.

3. As the product is disassembled, reusable components should be segregated and not allowed to intermix with nonreusable parts or parts from other units. Delicate parts, which contain critical sealing surfaces, must be protected and isolated from other parts to prevent damage during the cleaning procedure.

4. Use only genuine Aqua Lung or Apeks parts for the service of this product. DO NOT attempt to substitute an original part with another manufacturer's, regardless of any similarity in shape or size.

5. Do not attempt to reuse mandatory replacement parts under any circumstances, regardless of the amount of use the product has received since it was manufactured or last serviced.

6. When reassembling, it is important to follow every torque specification prescribed in this manual, using a calibrated torque wrench. Most parts are made of either marine brass or plastic, and can be permanently damaged by undue stress.

7. In order to make the product compatible with nitrox up to 40% O2 (EAN40), the product must be properly cleaned, lubricated and assembled using genuine Aqua Lung or Apeks replacement parts. In addition, assembly must be carried out in a clean environment using powderless, latex gloves or equivalent. For more detailed information, be sure to read ***Procedure A: Cleaning and Lubricating.***

GENERAL CONVENTIONS

Unless otherwise instructed, the following terminology and techniques are assumed:

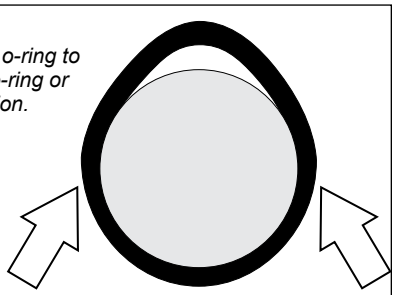
1. When instructed to **remove**, **unscrew**, or **loosen** a threaded part, turn the part counter-clockwise.

2. When instructed to **install**, **screw in,** or **tighten** a threaded part, turn the part clockwise.

3. When instructed to *remove* an o-ring, use the pinch method (see illustration below) if possible, or use a brass or plastic o-ring removal tool. Avoid using hardened steel picks, as they may damage the o-ring sealing surface. All o-rings that are removed are discarded and replaced with brand new o-rings.

Pinch Method

Press upwards on sides of o-ring to create a protrusion. Grab o-ring or insert o-ring tool at protrusion.



4. The following acronyms are used throughout the manual: **MP** is Medium Pressure; **HP** is High Pressure; **LP** is Low Pressure.

5. Numbers in parentheses reference the key numbers on the exploded parts schematics. **For example**, in the statement, "...remove the o-ring (7) from the crown (8)...", the number 7 is the key number to the crown o-ring.

DISASSEMBLY PROCEDURE

CAUTION: Use only a plastic or brass o-ring removal tool when removing o-rings to prevent damage to the sealing surface. Even a small scratch across an o-ring sealing surface could result in leakage. Once an o-ring sealing surface has been damaged, the part must be replaced with new. DO NOT use a dental pick or any other steel instrument.

NOTE: Before performing any disassembly, refer to the exploded parts drawing, which references all mandatory replacement parts. These parts should be replaced with new, and must not be reused under any circumstances - regardless of the age of the product or how much use it has received since it was last serviced.

1 Loosen the collar (1) and remove the inflator assembly from the air cell. Remove the gasket (2) from the air cell manifold.


2 Using side cutters, snip the two lower clamps (11) at the buckle. Carefully remove the ribbed hose (12) off the inflator body.


3 WTX INFLATOR

Using a small punch or screwdriver, carefully push the retaining pin (5) out of the inflator body. The cable (13) will slide off the retaining pin.


3 PSD/BC-1 INFLATOR

Using a small punch or screwdriver, carefully push the retaining pin (5) out of the inflator body. The Spectra cord (13) will slide off the retaining pin.


4 Using side cutters, snip the upper clamp (11) at the buckle. Carefully remove the ribbed hose (12) from the elbow (4).


5 WTX INFLATOR

Remove the collar (1) from the elbow (4). Using a small punch or screwdriver, carefully push the retaining pin (5) out of the elbow and remove the cable (13).


NOTE: Inspect and clean the inside clamping areas of the ribbed hose and the connection point on the inflator body and elbow.

NOTE: ***Move forward to step 11***

6 PSD/BC-1 INFLATOR

Separate the ribbed hose (12) from the elbow (4). Slide the collar (1) off the elbow.

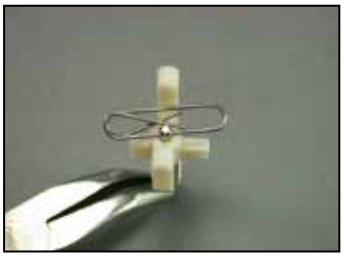

NOTE: Inspect and clean the inside clamping areas of the ribbed hose and the connection point on the inflator body and elbow.

7 Pull and keep slight tension on the Spectra cord (13). Use a 3mm hex key to push in the legs of the poppet guide (9) one at a time to release it.


8 Pull down on the Spectra cord (13) to remove the poppet guide assembly (6-10) from the elbow (4). Once the poppet guide assembly is out, remove the poppet dump valve (6).


9 Remove the Spectra cord (13) from the inflator cable hook (10).


10 Use needle nose pliers to gently grip the end of the poppet stem (7). Separate the inflator cable hook (10), poppet stem, pull dump spring (8) and poppet guide (9).




11 Using the Apeks Inflator Tool (pn 15762), remove the inflation valve module (16) from the inflator body.



CAUTION: Do not attempt to disassemble the valve module. The valve module is assembled with permanent LocTite and can not be disassembled. No internal service parts are available for the module. Attempting to disassemble the valve module will cause permanent damage to the module requiring replacement of the module assembly.

12 Using a brass or plastic o-ring removal tool, remove the o-ring (17) and the o-ring (18) from the valve module (16).


13 Using a 1/2” open end wrench, remove the quick disconnect fitting (14) from the body. Remove the o-ring (15).



14 Remove the mouthpiece (19) from the body.

CAUTION: Do not attempt to remove the oral button. The oral button is assembled with permanent LocTite and is not removeable. No service parts are available for the oral button assembly. Attempting to remove the oral button can cause permanent damage to the inflator requiring replacement of the complete inflator assembly.

THIS CONCLUDES DISASSEMBLY

NOTE: Before beginning reassembly, perform parts cleaning and lubrication in accordance with ***Procedure A: Cleaning and Lubricating.***

REASSEMBLY PROCEDURE

NOTE: Before performing any reassembly, it is important to inspect all parts, both new and those that are being reused, to ensure that every part and component is perfectly clean and free of any dust, corrosion, or blemishes. Before dressing each o-ring with Christo-Lube®, check to ensure it is clean, supple, and free of any blemish.

WARNING: Use only genuine Aqua Lung/Apeks parts, subassemblies, and components whenever assembling any Aqua Lung/Apeks product. DO NOT attempt to substitute an Aqua Lung/Apeks part with another manufacturer's, regardless of any similarity in shape, size or appearance. Doing so may render the product unsafe, and could result in serious injury or death.

1 WTX INFLATOR

NOTE: If servicing the PSD/BC-1 model inflator, ***Move forward to step 6***

Push the retaining pin (5) halfway into the elbow (4). Slide the cable (13) onto the pin. Push the pin the rest of the way through the elbow, capturing the cable. Make sure the pin is flush on both sides of the elbow.

2 Slide the collar (1) onto the elbow (4).

3 Slide the ribbed hose (12) over the cable (13).

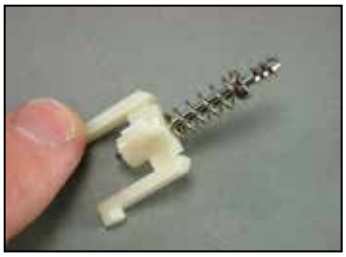
4 Brush a thin layer of Gasgacinch onto the elbow (4). Slide the ribbed hose (12) onto the elbow up to the line. Align the ribbed hose so the flat side is against your body.

5 Lightly fasten a clamp (11) over the ribbed hose (12). Position the buckle of the clamp to the side. Pull tight by hand. Using side cutters, trim the excess strap.

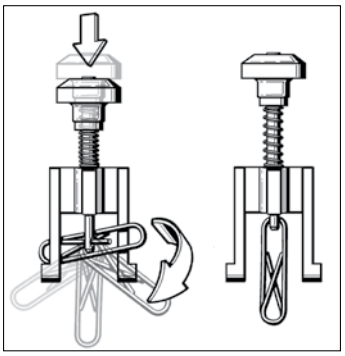
NOTE: ***Move forward to step 16***

6 PSD/BC-1 INFLATOR

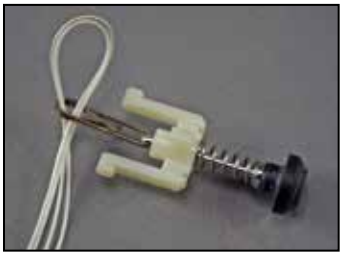
Slide the spring (8) onto the poppet stem (7). Insert the narrow end of poppet stem into the poppet guide (9). Install the dump valve poppet (6) onto the poppet stem.



7 Compress the poppet spring (8) and install the inflator cable hook (10) onto the poppet stem (7). The hook should be held at the single-wire end.



8 With the Spectra cord (13) doubled up, make sure the knot is in the center of the cord. Take one end of the cord and thread it through the double-looped end of the hook (10). Take the other end of the cord and bring it through the loop in the cord creating a Larks Head knot. Pull the knot snug.



9 Install poppet assembly into elbow (4). The cut-out on the poppet guide (9) faces the bottom of the elbow.

10 Squeeze poppet guide (9) feet together and push into elbow (4). Confirm poppet guide is locked into place and poppet guide feet are seated flush with the elbow on both sides.

11 Pull on Spectra cord (13) to confirm actuation of pull dump. Install collar (1) onto elbow (4).

12 Insert the Spectra cord (13) through the ribbed hose (12). If needed, use a large paperclip as a weight to get the cord to slide through the ribbed hose.

13 Brush a thin layer of Gasgacinch onto the elbow (4). Slide the ribbed hose (12) onto the elbow up to the line.


14 Lightly fasten a clamp (11) over the ribbed hose (12). Position the buckle of the clamp to the side. Pull tight by hand. Using side cutters, trim the excess strap.


15 Install o-rings (17 & 18) to the valve module (16).

16 Insert the valve module (16) into the body. Tighten down using the Apeks Inflator Tool (pn 15762) until snug.


17 Install new o-ring (15) onto quick disconnect fitting (14).

18 By hand, carefully thread the QD fitting (14) into the body. Using a 1/2 inch open end wrench, tighten down the QD fitting until snug.


19 Replace the retainer loop (3) if removed during disassembly. Install the retaining pin (5) halfway into the body.


20

WTX INFLATOR

Slide the cable (13) over the pin (5). Slide the pin completely into the body to capture the cable. Make sure the pin is flush on both sides of the body.


PSD/BC-1 INFLATOR

Create a Larks Head knot in the Spectra cord (13) and slide the loop over the pin (5). Slide the pin completely into the body to capture the cord. Make sure the pin is flush on both sides of the body.

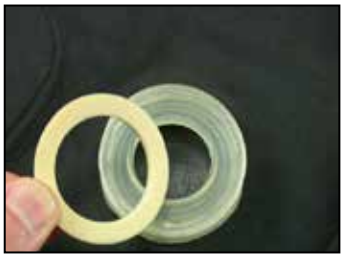


21 Brush a thin layer of Gasgacinch onto the body. Slide the ribbed hose (12) onto the body up to the edge. Align the ribbed hose and body so there is no twist.

22 Take note of raised edge on body. Lightly fasten two clamps (11) over the ribbed hose (12), one below and one above the raised edge of the body. Position both buckles to the side. Pull tight by hand. Using side cutters, trim the excess strap.

23 Slide the mouthpiece (19) onto the body.

24 Install a new gasket (2) into the air cell manifold.

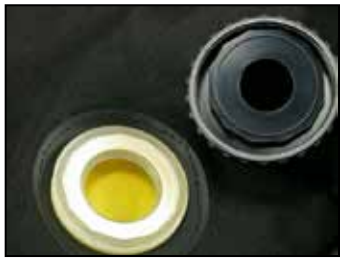


THIS CONCLUDES REASSEMBLY

FINAL TESTING

1 While holding the upper elbow (4) secure, firmly grasp the inflator and pull it in a straight line directly away from the elbow. Check both of the attachment points of the ribbed hose (12). Check the ribbed hose for signs of damage or decay, if found you will need to replace the ribbed hose before proceeding.

2 Turn the collar (1) over and hold next to the manfold of the air cell. Take note of the 12-sided placement notches on the manifold and inside the collar. These must align together while tightening down the collar.



3 Place the collar (1) over the manifold of the air cell. Gently turn the collar to engage the threads, taking care not to cross-thread. Line up the inflator assembly in the desired position while tightening the collar by hand until snug.

4 Install a MP inflator hose to a properly adjusted first stage. Attach the first stage to a cylinder filled to 3000 psi (206 bar). Attach the hose to the quick disconnect fitting on the inflator.

CAUTION: Before pressurizing the first stage, it is important to have a properly adjusted second stage attached to the first stage. This will provide a safety relief valve if the MP exceeds 145 psi (10 bar). Failure to relieve increasing MP may result in damage to the MP hose.

5 Slowly open the cylinder valve and pressurize the regulator, listen for any leaks. There should be no leaking of gas. If leakage occurs, determine the source and de-pressurize. Refer to **Table 1: Troubleshooting Guide**.

6 Depress the inflator button several times to ensure that airflow is unobstructed, DO NOT completely fill the air cell. After releasing the button, listen carefully to ensure that the airflow has completely stopped. If airflow continues, de-pressurize and refer to **Table 1: Troubleshooting Guide**.

7 Orally inflate the air cell with several deep exhalations to confirm air is entering the air cell. If air is not flowing into air cell refer to **Table 1: Troubleshooting Guide**.

8 Hold the inflator button depressed to fully inflate the air cell until an over-pressure relief valve opens to release the excess pressure.

CAUTION: **Before performing this test, confirm the aircell has functioning over-pressure relief valves. Failure to do this could cause permanent damage to the air cell that will require replacement of the aircell.**

NOTE: The WTX inflator does not have a built in over-pressure relief valve.

9 With the air cell fully inflated, Press the oral button briefly to vent air.

PSD/BC-1 Inflator Only: Pull straight down on the inflator to vent air from the inflator exhaust valve.

Confirm both methods will rapidly deflate the air cell.

10 With the air cell fully inflated, listen for any leaks. Submerge the entire inflator assembly in fresh water and check for any bubbles. If a leak is found, depressurize and refer to **Table 1: Troubleshooting Guide**.

11 If leaks were not detected, confirm the air cell is fully inflated. Disconnect the MP inflator hose from the quick disconnect fitting. Set a timer for one hour to ensure there are no leaks. If air loss occurs, depressurize and refer to **Table 1: Troubleshooting Guide**.

12 If the air cell has begun to deflate within one hour, fully inflate the air cell once again and hold the entire unit completely submerged in fresh water for at least one minute to determine the source of the air loss. Carefully observe the inflator for any signs of bubble formation indicating a leak, especially around the inflator button, ribbed hose & manifold connection. If a leak is found, refer to **Table 1: Troubleshooting Guide**.

THIS CONCLUDES THE SERVICE OF THE WTX INFLATOR

TABLE 1: TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE	TREATMENT
Restricted airflow or Aircell inflates slowly (with full tank, stable MP)	1. MP hose is obstructed	1. Clean or replace hose
	2. Dirt/salt deposits are present within the inflator assembly	2. Flush with warm fresh water
	3. MP of supply gas too low	3. Ensure MP is set properly
External air leak from inflator button	1. Dirt /salt deposits are present on internal sealing surfaces of valve module	1. Remove valve module and thoroughly clean all parts before reassembly
	2. The o-ring (18) is damaged and worn	2. Replace o-ring
	3. Damage to o-ring grooves of valve module (16)	3. Replace valve module
	4. The inflator body internal sealing surfaces for valve module are damaged	4. Replace lower inflator assembly
Air leak from mouthpiece	1. Dirt/salt deposits present on internal sealing surfaces of oral button	1. Flush with warm fresh water
	2. Damage to oral button assembly	2. Replace lower inflator assembly
Air leak from ribbed hose or connection points	1. Cuts, tears or pinholes in hose	1. Replace ribbed hose
	2. Hose connection points not clean or damage to sealing surfaces	2. Inspect all hose connection points & clean or replace damaged parts
BC auto-inflating	1. Dirt/salt deposits are present on internal sealing surfaces of valve module (16)	1. Flush with warm fresh water
	2. Damage to internal components of valve module (16)	2. Replace valve module
Cannot orally inflate the buoyancy cell	1. Dirt/salt deposits are present on internal sealing surfaces	1. Flush with warm fresh water
	2. Internal parts of oral inflator worn or damaged	2. Replace lower inflator assembly
	3. Tear/hole in ribbed hose (12)	3. Replace ribbed hose
	4. Collar (1) not tightened properly	4. Remove collar from aircell & reinstall
	5. Gasket (2) missing or damaged	5. Replace gasket
Air does not vent when rapid exhaust valve cable is pulled (PSD/BC-1)	1. Rapid exhaust cable (13) is not properly connected to the inflator or elbow, or is damaged	1. Check condition and connections of cable, and correct as needed
	2. Incorrect rapid exhaust valve cable (13) installed (to long)	2. Replace cable
Air leaks continuously from Upper-Valve when BC is inflated (PSD/BC-1)	1. Dump plug (6) is worn or damaged	1. Replace dump plug
	2. Dump plug spring (8) is damaged	2. Replace spring
	3. Incorrect rapid exhaust valve cord (13) installed (to short)	3. Replace cord

NOTE: This is a partial list of possible problems and recommended treatments. For more information, contact Aqua Lung's Technical Services Department for assistance with problems not described here.

CAUTION: Recommended treatments which require disassembly of the regulator must be performed during a complete overhaul, according to the prescribed procedures for scheduled, annual service. Do not attempt to perform partial service.

TABLE 2: LIST OF TOOLS

PART NO.	DESCRIPTION	APPLICATION
15762	Apeks Inflator Tool 	Removing and installing valve module (16)
944022 **103102**	Brass O-ring Tool Set O-ring Tool (Plastic) 	Removing and installing o-rings and gasket
N/A	Side Cutters 	Removing/Trimming panduit clamps (11)
N/A	1/8” Punch 	Removing retaining pins (5)
N/A	Open-end Wrench 	Loosen / tighten / adjust parts
N/A	3mm Hex Key 	Release poppet guide legs (9)
N/A	Christo-Lube 	Lubrication of o-rings
N/A	Gasgacinch 	Sealing of ribbed hose (12)
N/A	Magnifier with illumination 	Sealing surface inspection
N/A	Ultrasonic cleaner	Brass and stainless steel parts cleaning

TABLE 3: CHECKING SPECIFICATIONS

TEST	SPECIFICATION
Leak Test	No Leaks Permitted

TABLE 4: RECOMMENDED CLEANERS & LUBRICANTS

LUBRICANT/CLEANER	APPLICATION	SOURCE
Christo-Lube® MCG 111 **PerflouroLube 20/1**	Lubricant for all o-rings	Aqua Lung, PN 820466, or Lubrication Technologies 310 Morton Street Jackson, OH 45640 (800) 477-8704 Performance Fluids Ste 101 Lomeshaye Business Park Turner Road Nelson Lancashire BBP 7DR
CAUTION: Silicone rubber requires no lubrication or preservative treatment. DO NOT apply grease or spray to silicone rubber parts. Doing so may cause a chemical breakdown and premature deterioration of the material.		
White distilled vinegar **(diluted with water)**	Bath for reusable stainless steel and brass parts.	"Household" grade
CAUTION: Do not use muriatic acid for the cleaning of any parts. Even if strongly diluted, muriatic acid can harm chrome plating and may leave a residue that is harmful to o-ring seals and other parts.		
Oxygen Compatible Solution **Promoclean TP108** **Janitol Plus**	Nitrox/O2 Cleaning	As Per Training INVENTEC PERFORMANCE CHEMICALS SA. 20, Rue de bourgogne BP 211 69802 SAINT-PRIEST cedex JOHN LAWSON DIST. SCOTSHAW BROOK HOUSE BRANCH ROAD LOWER DARWEN LANCASHIRE BB3 0PR
Liquid Dishwashing Detergent (diluted with warm water)	Degreaser for brass and stainless steel parts; general cleaning solution for plastic and rubber	"Household" grade

PROCEDURE A: CLEANING & LUBRICATING

AQUA LUNG AND APEKS REGULATORS AND NITROX

When it comes to issues of nitrox safety and compatibility, the concerns lie primarily with the regulator's first stage as it is subjected to high inlet pressures. High inlet pressures lead to adiabatic compression or heating of the gas. The Aqua Lung or Apeks regulator product described in this manual, when properly cleaned and assembled, is authorized for use with enriched air nitrox (EAN) that does not exceed 40% (EAN 40). It is authorized because it has undergone adiabatic compression testing and the authorized service kit components and lubricants are compatible in elevated oxygen environments. During cleaning, a mild detergent must be used to remove condensed hydrocarbons (compressor oils) from the inside passageways of the first stage. For the first stage to remain EAN40 compatible, only use hyperfiltered compressed gas (hydrocarbons < 0.1 mg/m3). Ordinary compressed breathing air (Grade E) usually does not meet this criterion. Once ordinary breathing air is used, the first stage is no longer EAN40 compatible until it is cleaned and serviced again.

Although regulator second stage components are not exposed to high pressure EAN, Aqua Lung and Apeks recommend that the same cleaning procedures be followed for the complete regulator. This prevents the possibility of cross contamination and guarantees the cleanliness of the entire regulator.

Cleaning Brass and Stainless Steel Parts

1. Preclean in warm, soapy water* using a soft nylon bristle brush.
2. Thoroughly clean parts in an ultrasonic cleaner filled with soapy water. If there are stubborn deposits, household white distilled vinegar (acetic acid) in an ultrasonic cleaner will work well. DO NOT place plastic, rubber, silicone or anodized aluminum parts in vinegar.
3. Remove parts from the ultrasonic cleaner and rinse with fresh water. If tap water is extremely "hard," place the parts in a bath of distilled water to prevent any mineral residue. Agitate lightly, and allow to soak for 5-10 minutes. Remove and blow dry with low pressure (25 psi) filtered air, and inspect closely to ensure proper cleaning and like-new condition.

Cleaning Anodized Aluminum, Plastic & Rubber Parts

Anodized aluminum parts and parts made of plastic or rubber, such as box bottoms, box tops, dust caps, etc., may be soaked and cleaned in a solution of warm water mixed with mild dish soap. Use only a soft nylon toothbrush to scrub away any deposits. Rinse in fresh water and thoroughly blow dry, using low pressure filtered air.

CAUTION: Do not place plastic and rubber parts in contact with acid solutions. This could alter their physical properties and cause degradation and premature breakdown.

Cleaning MP Hoses (Air use Only)

Follow Hose Inspection & Cleaning Guidelines for more detailed information

1. Hose fittings: Ultrasonically clean with soapy water; Use soft nylon bristle brush. If corrosion is evident, use a brass bristle brush.
2. Run water through hose if needed
3. Thoroughly rinse with fresh water
4. Blow out hose before installing

CAUTION: Do not place complete hose length in contact with acid solutions. This could alter their physical properties and cause degradation and premature breakdown.

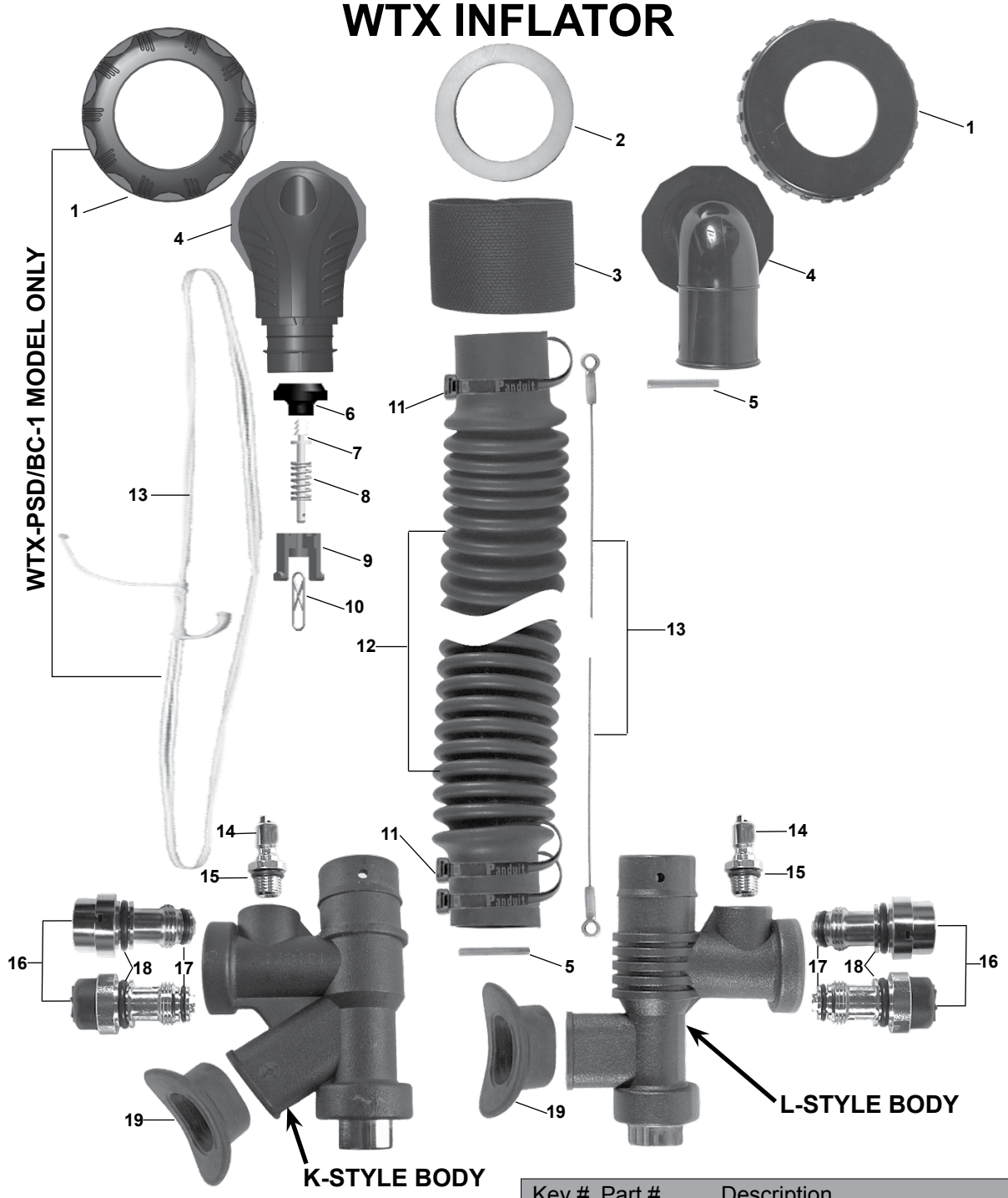
Lubrication and Dressing

Wear powderless, latex gloves when handling and lubricating o-rings. Keeping internal parts free from skin oils and other contaminates is important when running enriched air nitrox through a first stage. All o-rings should be lubricated with Christo-Lube® MCG-111. Dress the o-rings with a very light film of grease, and remove any visible excess by running the o-ring between thumb and forefinger. Avoid applying excessive amounts of Christo-Lube grease, as this will attract particulate matter that may cause damage to the o-ring.

*Soapy water is defined as "household" grade liquid dishwashing detergent diluted in warm water.

MAINTENANCE NOTES

WTX INFLATOR



Key #	Part #	Description
------	42772	Airway, Complete, L (WTX)
------	42662	Airway, Complete, K (WTX/WTX-D)
------	15350	Airway, Complete, K (WTX-PSD)
------	15778	Lower Inflator Assembly, K (WTX/WTX-D/PSD)
1 -----	15706	Collar (WTX & WTX-D)
------	15763	Collar (WTX-PSD/BC-1)
2 -----	***15309***	***Gasket***
3 -----	42783	Retainer Loop
4 -----	15304	Elbow (WTX & WTX-D)
------	15161	Elbow (WTX-PSD/BC-1)
5 -----	15610	Retaining Pin
6 -----	***778559***	***Dump Valve, Poppet (WTX-D PSD/BC-1)***

Key #	Part #	Description
7 -----	15164	Poppet Stem (WTX-PSD/BC-1)
8 -----	15215	Spring (WTX-PSD/BC-1)
9 -----	15162	Poppet Guide (WTX-PSD/BC-1)
10 ----	15178	Cable Hook (WTX-PSD/BC-1)
11 ----	***15719***	***Clamp***
12 ----	15756	Ribbed Hose (Flat)
------	15151	Ribbed Hose, 18” (WTX-PSD/BC-1)
13 ----	15757	Cable Assembly
------	N/A	Spectra Cord, (WTX-PSD/BC-1)
14 ----	15758	Quick Disconnect Fitting w/O-ring
15 ----	***820311P***	***O-ring (10 pk)***
16 ----	15717	Valve Module w/Brass Button
------	15761	Valve Module w/Plastic Button
17 ----	***820312P***	***O-ring (10 pk)***
18 ----	***820120P***	***O-ring (10 pk)***
19 ----	15759	Mouthpiece

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