



TASK FORCE TIPS
FIRE FIGHTING EQUIPMENT

MANUAL: BLITZ LITE MONITOR SERIES

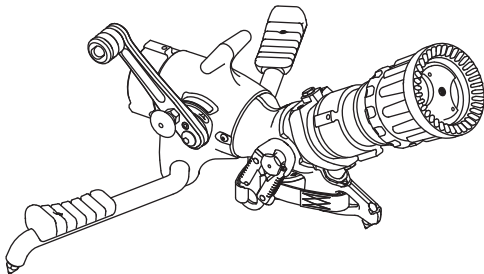
INSTRUCTIONS FOR SAFE OPERATION AND MAINTENANCE

⚠ DANGER

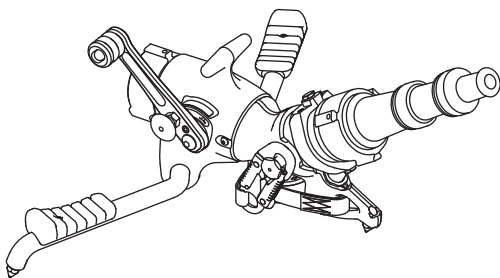
Read instruction manual before use. Operation of this device without understanding the manual and receiving proper training is dangerous and is a misuse of this equipment.

⚠ DANGER

Risk of sliding increases at low elevation angles. To reduce risk of injury or death from sliding, test safety elevation plunger before using.



BLITZ LITE®



**MAXIMUM OPERATING PRESSURE
175 PSI (12 BAR)
MAXIMUM FLOW
500 GPM (2000 LPM)**

⚠ DANGER

PERSONAL RESPONSIBILITY CODE

The member companies of FEMSA that provide emergency response equipment and services want responders to know and understand the following:

1. Firefighting and Emergency Response are inherently dangerous activities requiring proper training in their hazards and the use of extreme caution at all times.
2. It is your responsibility to read and understand any user's instructions, including purpose and limitations, provided with any piece of equipment you may be called upon to use.
3. It is your responsibility to know that you have been properly trained in Firefighting and /or Emergency Response and in the use, precautions, and care of any equipment you may be called upon to use.
4. It is your responsibility to be in proper physical condition and to maintain the personal skill level required to operate any equipment you may be called upon to use.
5. It is your responsibility to know that your equipment is in operable condition and has been maintained in accordance with the manufacturer's instructions.
6. Failure to follow these guidelines may result in death, burns or other severe injury.



Fire and Emergency Manufacturers and Services Association, Inc.
P.O. Box 147, Lynnfield, MA 01940 • www.FEMSA.org

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1.0 MEANING OF SIGNAL WORDS

A safety related message is identified by a safety alert symbol and a signal word to indicate the level of risk involved with a particular hazard. Per ANSI standard Z535.4-1998 the definitions of the three signal words are as follows:



DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

2.0 GENERAL INFORMATION

The Blitz Lite is an efficient, compact and easy to maneuver portable monitor. The monitor is a lightweight aluminum unit, which can deliver 500 GPM of water. This monitor can be mounted in a pre-connected state on the truck-mounting bracket for achieving quick and effective initial attack. General product specifications are as follows:

- Standard Inlet Coupling: 2 ½ inch NH Female
- Standard Outlet: 2 ½ inch NH male
- Flow range: up to 500 GPM (2000 LPM)
- Maximum inlet pressure: 175 PSI (12 BAR)
- Vertical Stream Range: 20 to 60° above horizon manned
(30 to 60° above horizon unmanned)
- Horizontal Stream Range: +/- 20 degrees either side of centerline
- Size, legs folded: 14.8"L x 9.0"W x 9.4"H (375 x 230 x 240mm)
- Size, legs unfolded: 15"L x 25.8"W x 10"H (380 x 655 x 254mm)
- Weight: 15 lbs (6.9 kg)



This equipment is intended for use by trained personnel for firefighting. Its use for other purposes may involve hazards not addressed by this manual. Seek appropriate guidance and training to reduce risk of injury.



An out of control monitor can cause injury or death. To reduce the risk of instability, do not attempt to move the monitor with water flowing.



The flow from the monitor may be vital to keep a firefighter from injury or death. Avoid situations that may interrupt flow to the monitor such as: hose line kinks, traffic running over hose, and automatic doors or devices that can pinch the hose.



Master streams are powerful and capable of causing injury and property damage. Make sure the monitor is pointing in a safe direction before water to the nozzle is turned on. Use care in directing the stream.



Monitor must be properly connected to hose and nozzle. Mismatched or damaged threads may cause leaking or uncoupling under pressure and could cause injury.



Do not couple aluminum to brass. Dissimilar metal coupled together can cause galvanic corrosion that can result in inability to unscrew threads or complete loss of thread engagement.

2.1 BLITZ LITE PART IDENTIFICATION

Figure 2.1 identifies the various parts and controls of the Blitz Lite Portable Monitor.

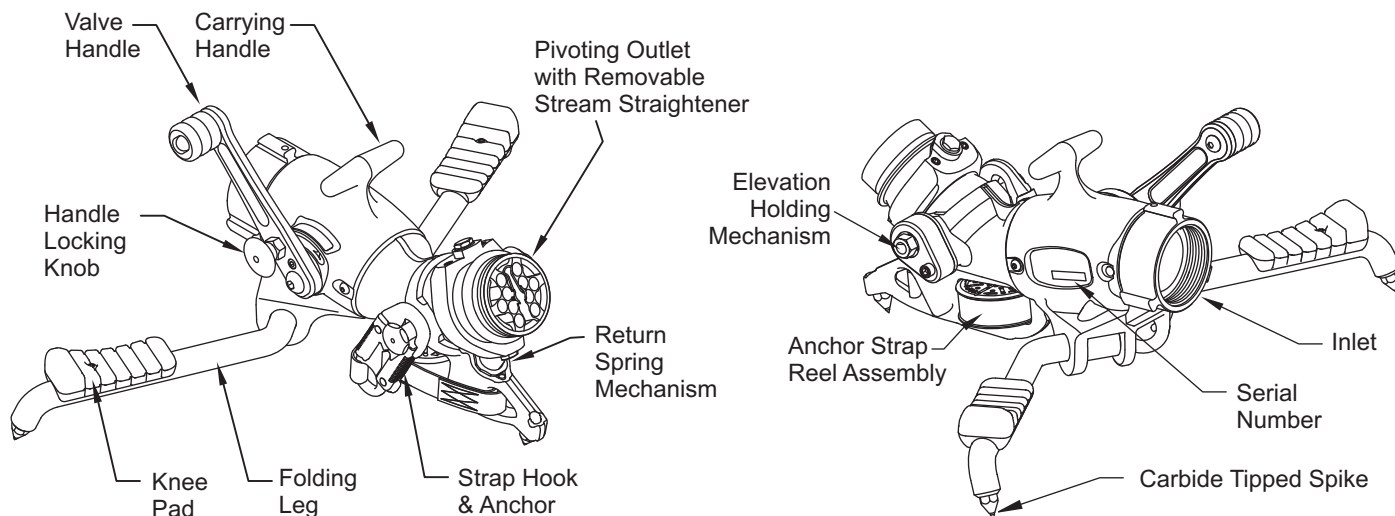


Figure 2.1 Blitz Lite Parts and Controls

2.2 VALVE OPERATION

The valve handle is locked in the closed position so that the Blitz Lite may be carried/moved without the valve inadvertently opening when water flow is not desired. To unlock the valve handle from the closed position:

1. Pull ring on right side of valve handle.
2. While pulling on ring move valve handle slowly to an open position with other hand.

As soon as valve is opened the ring may be released. Valve handle may be moved to any position by pushing or pulling on the valve handle. When the valve is closed the valve handle automatically locks and must be unlocked again to reopen. The monitor has a label that indicates the direction to open and close the valve. The valve opening procedure is shown in figure 2.2. Remember to close the valve slowly to reduce water hammer.

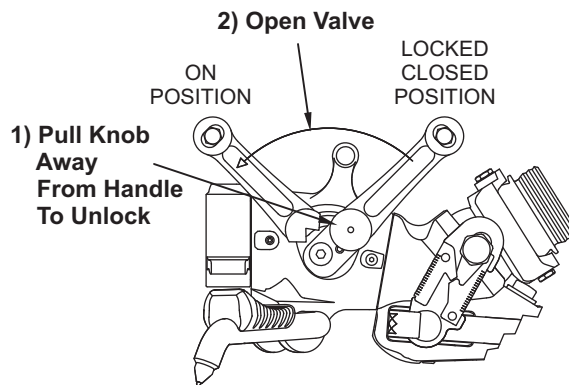


Figure 2.2 Valve Opening Procedure



Injury or death from an out of control monitor can occur. If monitor gets out of control, retreat from monitor immediately. Do not attempt to regain control of monitor while it is flowing.

To minimize the risk of an out of control monitor:

- Test Shut-off Valve before each use.
- Tie off the monitor when practical.
- Hook legs on stationary objects such as doorframes, cracks, sign posts etc.
- Keep elevation as high as practical.
- Choose surfaces that allow spikes to dig in.
- Assure that the hose is not lifting the spikes off the ground.
- Reduce flow to limit nozzle reaction if stability is questionable.

2.3 FOLDING LEGS

The Blitz Lite has two legs that fold for storage and unfold for operation. The legs are held in the folded and unfolded position by spring detents. To fold or unfold the legs:

1. Grasp the spike end of one leg and pivot it to the folded or unfolded position.
2. Repeat for the other leg.



In the unfolded position the legs provide a stable base for operation of the monitor. Lack of stability can cause an out of control monitor resulting in injury or death. Do not operate as a portable monitor with either one or both legs in the folded position.

2.3.1 CARBIDE SPIKES

The Blitz Lite monitor has 3 tungsten carbide tipped spikes on the legs and the base to resist sliding by digging into the surface the monitor is sitting on. The amount of sliding force these spikes can withstand depends upon the amount of downward and sideways force that is on the base and the hardness and texture of the surface the spikes are in contact with. At low elevation angles, it is difficult for these spikes to resist sliding. These spikes are essential to safe operation of the monitor and must be in contact with the ground at all times. Set the monitor on an even surface so that all three spikes contact the ground. Replace any spike if the tip diameter exceeds 1/16 inch (1.6 mm).



For stable operation the three spikes must maintain in contact with the ground. Do not place the Blitz Lite on top of debris, objects, or uneven terrain that would keep any of the spikes from contacting the ground.



On hard slippery surfaces the spikes may provide little resistance to sliding. In these cases the monitor should be tied off or the legs hooked on stationary objects to keep the monitor in position. Also, a person's weight applied to the monitor may help increase resistance to sliding.



Spikes must be sharp to provide resistance to sliding. Replace any spike if the tip diameter exceeds 1/16 inch (1.6 mm).



Spikes are sharp and exposed. Use care around spikes to avoid injury and damage to clothing or other property.

2.4 FULL TIME SWIVEL INLET HOSE COUPLING

The Blitz Lite has a full-time swiveling inlet coupling so that when the hose is charged, any twist in the hose will minimize the lifting of the spikes off the ground. The Blitz Lite is equipped with three spikes to provide traction when flowing from the ground. For the spikes to provide traction they must remain in contact with the ground. Assure that the hose is not on top of anything that would cause the spikes to be lifted off the ground.

2.5 OUTLET PIVOTS AND ELEVATION PLUNGER MECHANISM

The Blitz Lite's outlet pivots allow for 20 degrees of horizontal rotation either side of center. The elevation range is from 20 to 60 degrees manned and 30 to 60 degrees unmanned. (30 to 50 degrees with the oscillator version) While manned, to lower the outlet below the 30 degrees elevation, just push down the outlet to the desired elevation. Below the outlet pivot is a spring-loaded plunger that returns the outlet to 30 degrees if the operator releases on the outlet or the monitor is unmanned. The pivots are easy to reposition under pressure and are good for rapid redirecting of the stream. Figure 2.5 shows the outlet pivots range of motion.

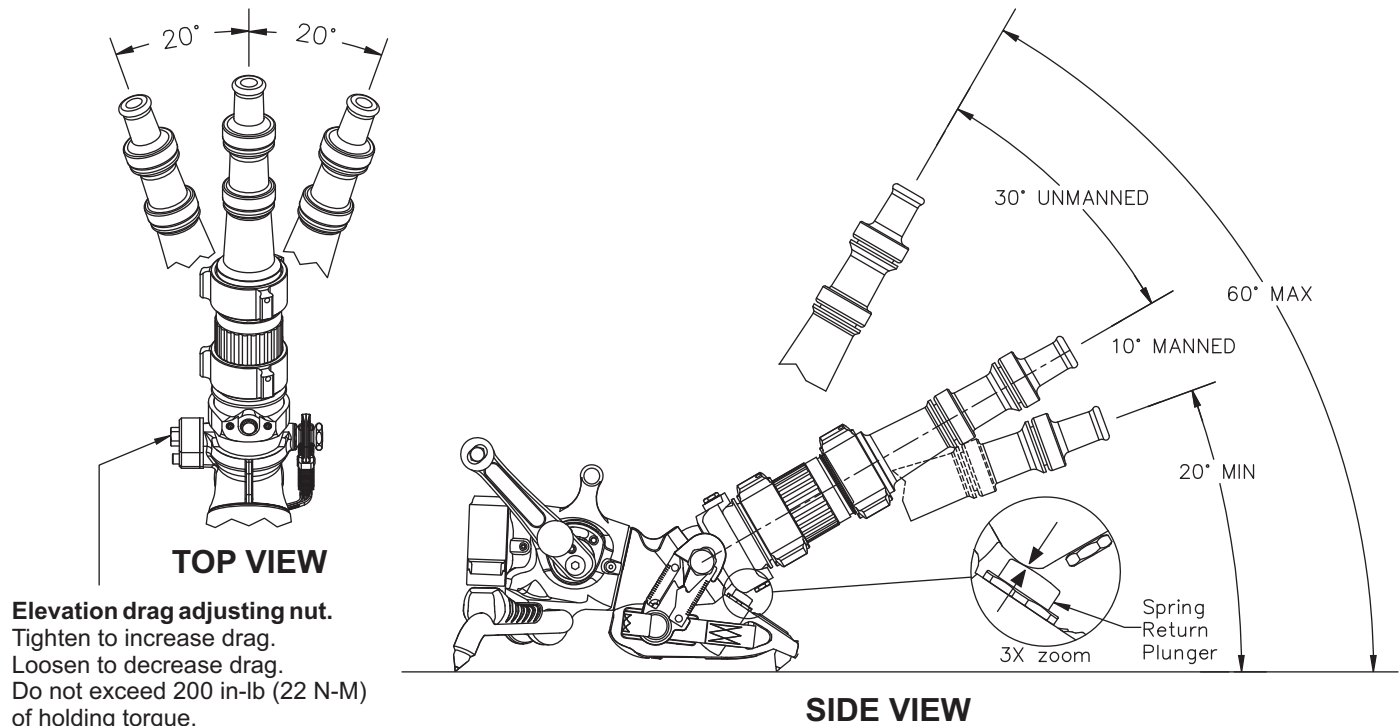


Figure 2.5 Outlet Pivot Range of Motion

2.5.1 ELEVATION HOLDING MECHANISM

The elevation pivot has a mechanism to support the weight of a nozzle. It is factory set to support the weight of nozzles likely to be used. It may be adjusted (see figure 2.5). The mechanism releases when raising the nozzle so upwards drag from the mechanism is not felt. Avoid the use of long stream straighteners or heavy nozzles which may overcome the holding torque of the elevation mechanism.

3.0 FLOWS AND PRESSURES

The Blitz Lite Portable Monitor is designed for maximum flows of 500 GPM (2000 LPM) and a maximum pressure of 175 PSI (12 BAR). Do not exceed these limits.

⚠ WARNING An inadequate supply of pressure and/or flow will cause an ineffective stream and can result in injury, death or loss of property.

3.1 AUTOMATIC, FIXED, AND SELECTABLE FLOW NOZZLES

A variety of water or foam nozzles may be used with the Blitz Lite.

Automatic nozzles maintain a constant pressure by adjusting their opening to match the available flow. Consult the nozzle manufacturer for maximum flow and pressure ratings. In all cases do not exceed 500 GPM (2000 LPM) and/or 175 PSI (12 BAR).

3.2 STACKED TIPS OR SMOOTHBORE NOZZLES

| NOZZLE DIAMETER | NOZZLE INLET PRESSURE | | | | | | | | | |
|-----------------|-----------------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| | 50 PSI | | 80 PSI | | 100 PSI | | 150 PSI | | 175 PSI | |
| | FLOW (GPM) | REACTION (LBS) | FLOW (GPM) | REACTION (LBS) | FLOW (GPM) | REACTION (LBS) | FLOW (GPM) | REACTION (LBS) | FLOW (GPM) | REACTION (LBS) |
| 1.0 INCH | 210 | 80 | 266 | 126 | 297 | 157 | 364 | 236 | 390 | 275 |
| 1-1/4 INCH | 328 | 120 | 415 | 196 | 464 | 245 | — | — | — | — |
| 1-1/2 INCH | 473 | 177 | — | — | — | — | — | — | — | — |

| NOZZLE DIAMETER | NOZZLE INLET PRESSURE | | | | | | | | | |
|-----------------|-----------------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
| | 4 BAR | | 6 BAR | | 8 BAR | | 10 BAR | | 12 BAR | |
| | FLOW (L/min) | REACTION (KG) | FLOW (L/min) | REACTION (KG) | FLOW (L/min) | REACTION (KG) | FLOW (L/min) | REACTION (KG) | FLOW (L/min) | REACTION (KG) |
| 25 MM | 830 | 40 | 1000 | 60 | 1200 | 80 | 1300 | 100 | 1400 | 120 |
| 32 MM | 1300 | 70 | 1700 | 100 | 1900 | 130 | — | — | — | — |
| 38 MM | 1900 | 90 | — | — | — | — | — | — | — | — |

FLOW EXCEEDS RATING OF BLITZ LITE MONITOR

3.3 STREAM STRAIGHTENERS

Stream quality, especially with smooth bore nozzles, is generally improved with the use of a stream straightener.

3.4 USE WITH FOAM

The Blitz Lite may be used with various foam nozzles and foam solutions. Refer to fire service training for the proper use of foam.

3.5 USE WITH SALT WATER

Use with salt water is permissible provided the monitor is thoroughly cleaned with fresh water after each use. The service life of the monitor may be shortened due to the effects of corrosion and is not covered under warranty.

3.6 BLITZLITE PRESSURE LOSS

Figure 3.6 gives the pressure loss for the Blitz Lite Portable Monitor

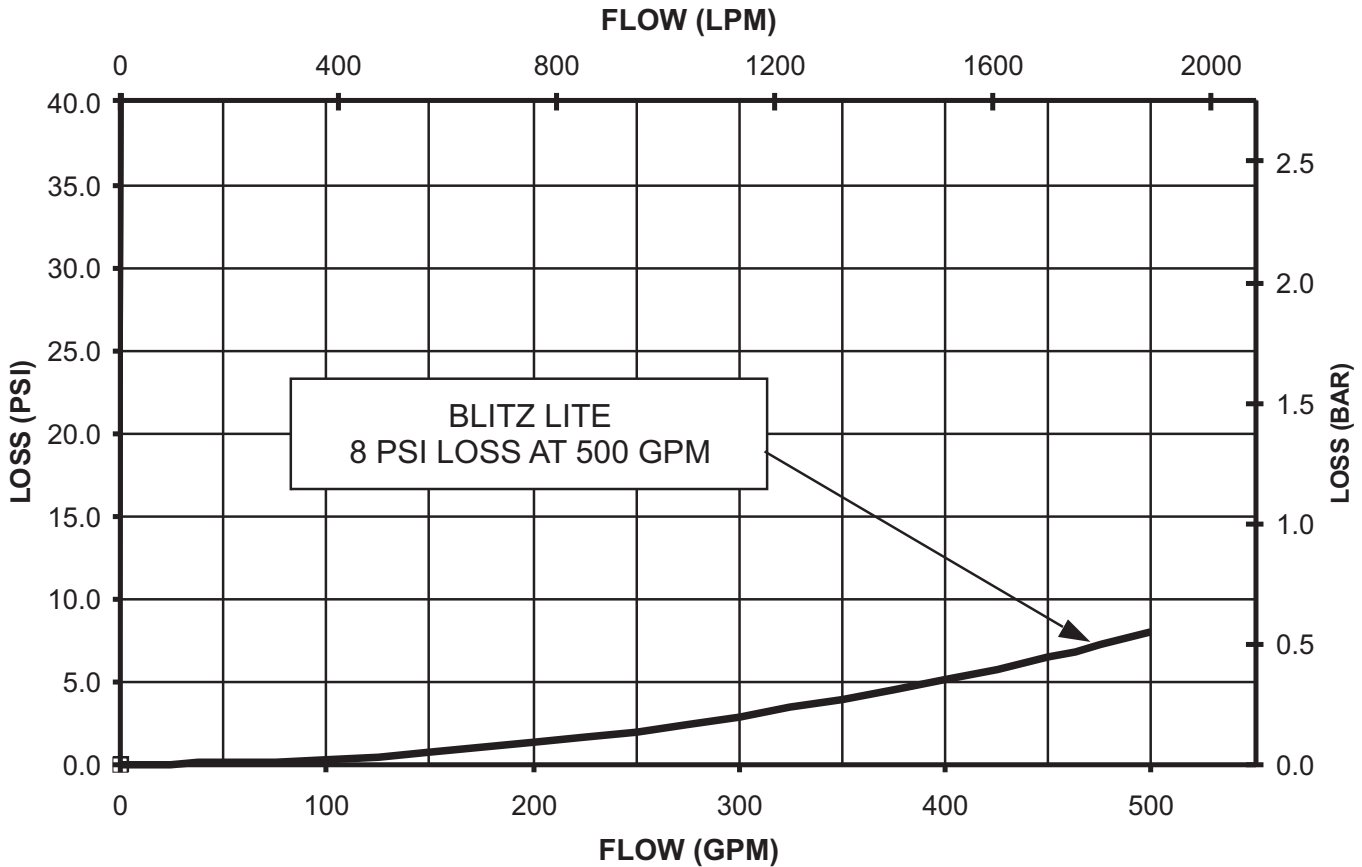


Figure 3.6 Blitz Lite Pressure Loss

4.0 DEPLOYMENT OF BLITZ LITE

It is the responsibility of the individual fire department or agency to determine physical capabilities and suitability for an individual's use of this equipment.

4.1 CARRYING WITH AN UNCHARGED HOSE

On a preconnected hoseline the Blitz Lite may be carried by the T-shaped handle or over the shoulder with the legs folded as illustrated in figure 4.1.

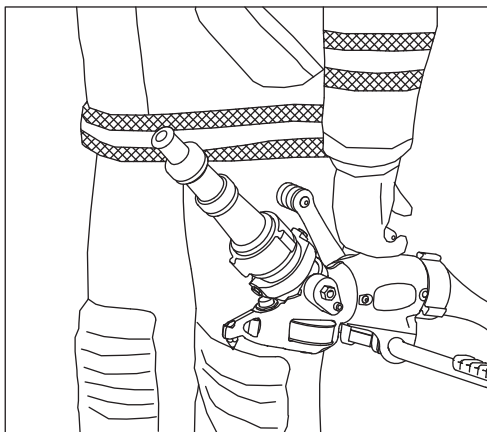


Figure 4.1
Carrying the Blitz Lite on an Uncharged Hose



4.2 CARRYING WITH A CHARGED HOSE

On a charged hose the Blitz Lite may be carried by holding the T-shaped handle located on top of valve body as shown in figure 4.2. Shut-off valve handle should be locked in the closed position to keep the valve from inadvertently opening.

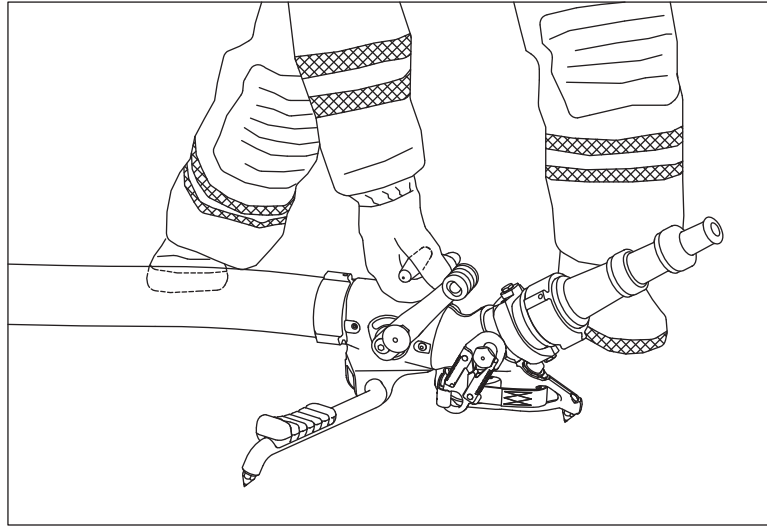


Figure 4.2 Carrying the BlitzLite with a Charged Hose

5.0 ANCHORING

The nozzle reaction force on the Blitzfire may be as high as 330 lbs - 500 GPM at 175 PSI (150 kg- 2000 LPM at 12 BAR). This nozzle reaction must be restrained to keep the monitor from moving.

The monitor should be anchored from moving by one or more of these methods:

| METHOD | RISK of MOVING |
|-----------------------------------|----------------|
| Anchoring by Weight | High |
| Anchoring by Spike Holds | Medium |
| Hooking legs on vertical surfaces | Medium |
| Using a tie off strap | Low |

5.1 ANCHORING BY WEIGHT

On surfaces with good traction a person's weight on the monitor and/or hose may be sufficient to keep the monitor from sliding. This is highly dependant on the friction of the surface. The ability to keep one or more people's weight on the monitor is subject to operator fatigue and may not be as reliable as other methods. Operating at limited flows will reduce the risk.

5.2 ANCHORING BY SPIKE HOLDS

The holding ability of the spikes is generally excellent on surfaces like asphalt, wooden and carpeted floors because they allow the spike to penetrate well. On hard smooth surfaces such as ceramic tile, smooth concrete, marble, terrazzo, or steel decking the Blitz Lite's spikes may not hold well. Placing the spikes into cracks, expansion joints, or gratings or the like will help hold the monitor from sliding. Even with the spikes anchored, sliding may be caused by the surface cracking under the load, or from the hose or nozzle moving the monitor thereby dislodging the spikes from their hold. Figure 5.2 shows a close up of a spike caught in a crack.

The holding ability of the spikes on soft surfaces such as sand, gravel and mud is generally poor, therefore other anchoring methods should be considered.

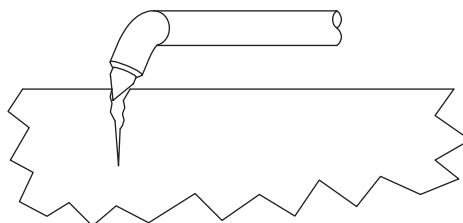


Figure 5.2 Spike Caught in a Crack

5.3 ANCHORING BY HOOKING LEGS

The legs on the Blitz Lite point back slightly so they can act as a hook for anchoring on posts, walls, doorframes or other fixed objects. Sliding can occur if the legs are unhooked due to the influence of the hose, nozzle, or operator. See figure 5.3 for illustrations of this.

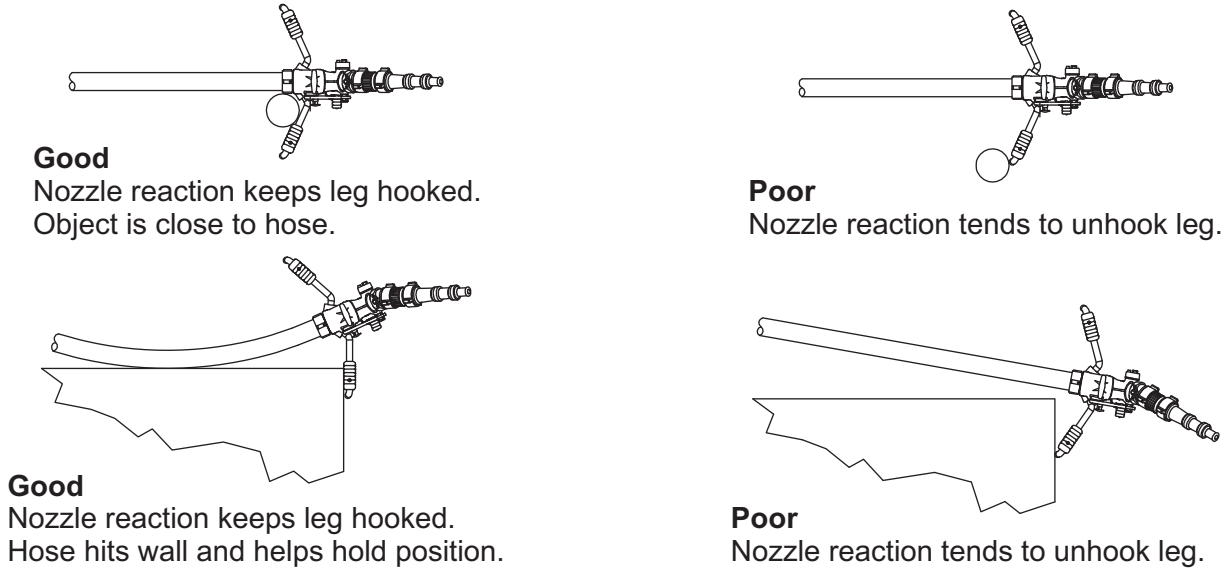


Figure 5.3 Hooking Legs to Gain Support

5.4 ANCHORING BY TYING OFF WITH SAFETY STRAP

The safest method of restraining the monitor is to use a tie down strap. It is inherently more reliable than other methods since it does not rely on traction or digging in of the spikes. It is also the safest method because even if the monitor slides its travel is limited by the strap length. Permanently anchored from the factory is a safety strap system that comes with a storage take-up reel attached to the mid-length of the strap and a safety hook attached to the other end of the strap, which may be wrapped around an object, such as a tree, and snap back onto the strap itself and pulled tight. Keep the entire length of the strap as close to the ground as possible. If the strap is too short to reach a suitable anchor, it may be extended with strong rope or chain. Keep the distance between the Blitz Lite and anchor as short as possible. Remove all slack between the Blitz Lite and anchor before flowing water. Figure 5.4 shows the deployment method for the strap mechanism and the elements of tying off the monitor.

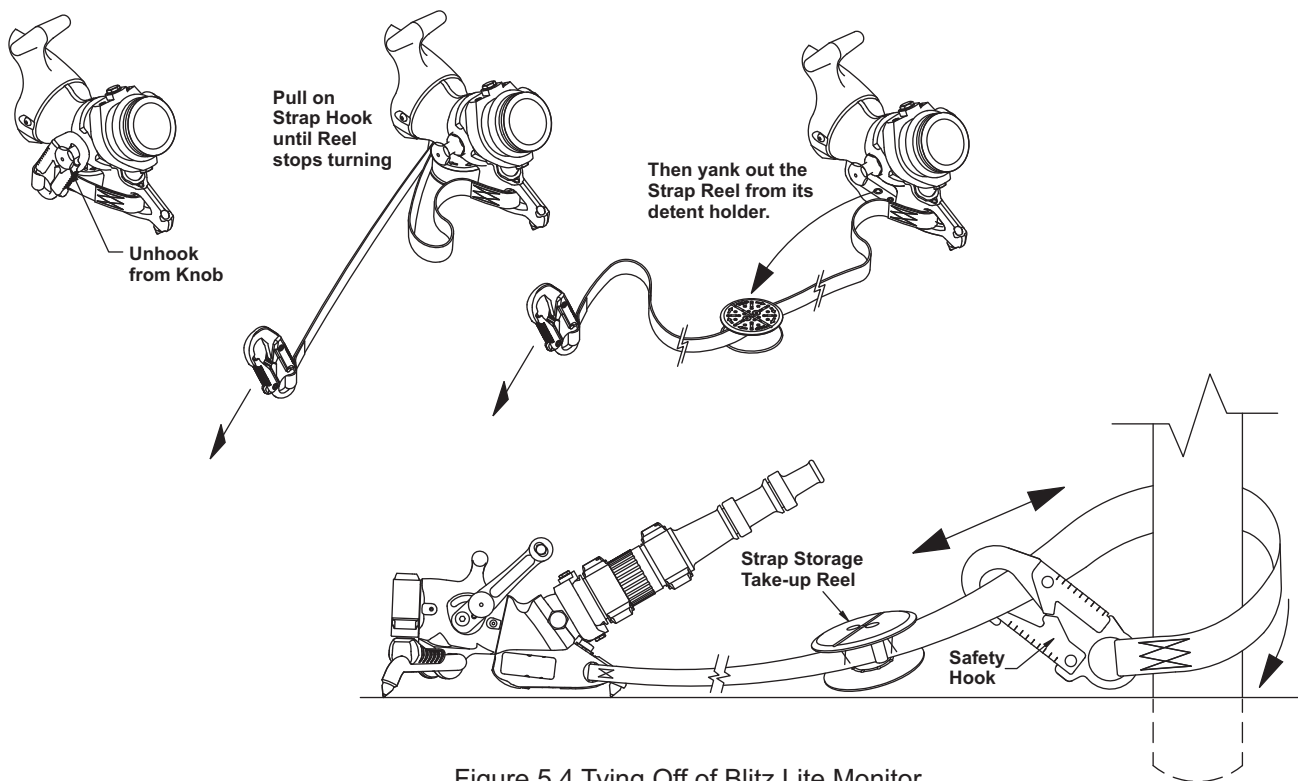


Figure 5.4 Tying Off of Blitz Lite Monitor

7.0 STORAGE

The monitor may be stored pre-connected to its hose on the optional storage bracket, TFT part number XXL-B. The storage bracket may be mounted on a horizontal surface, or a vertical surface with the nozzle end pointing down or sideways.

To mount the bracket follow the instructions provided with the bracket kit.



The storage bracket is not intended to support the nozzle reaction forces from a flowing

8.0 MAINTENANCE

The Blitz Lite monitor requires little maintenance. The unit should be kept clean and free of dirt by rinsing with water after each use. Any inoperable or damaged parts should be repaired or replaced before placing the unit in service.



Any alterations to the Blitz Lite and its markings could diminish safety and constitutes a misuse of this product.

MAINTENANCE CHECK LIST:

- Valve handle moves smoothly without binding (see section 2.2)
- Valve label legible
- Legs pivot freely and detents hold folded or unfolded position
- Spikes are sharp. Replace if tip diameter exceeds 1/16 inch (1.6 mm).
- Inlet coupling rotates freely
- Pull pin for Valve Handle locking locks and releases easily
- Outlet pivots freely from side to side
- Outlet pivots freely upward
- Outlet pivot has sufficient drag to support weight of nozzle
- Tie down strap is in good condition; no frays on strap or damage to hook

9.0 WARRANTY

Task Force Tips, Inc., 3701 Innovation Way, Valparaiso, Indiana 46383-9327 ("TFT") warrants to the original purchaser of its Blitz Lite Monitor ("equipment"), and to anyone to whom it is transferred, that the equipment shall be free from defects in material and workmanship during the five (5) year period from the date of purchase.

TFT's obligation under this warranty is specifically limited to replacing or repairing the equipment (or its parts) which are shown by TFT's examination to be in a defective condition attributable to TFT. To qualify for this limited warranty, the claimant must return the equipment to TFT, at 3701 Innovation Way, Valparaiso, Indiana 46383-9327, within a reasonable time after discovery of the defect. TFT will examine the equipment. If TFT determines that there is a defect attributable to it, it will correct the problem within a reasonable time. If the equipment is covered by this limited warranty, TFT will assume the expenses of repair.

If any defect attributable to TFT under this limited warranty cannot be reasonably cured by repair or replacement, TFT may elect to refund the purchase price of the equipment, less reasonable depreciation, in complete discharge of its obligations under this limited warranty. If TFT makes this election, claimant shall return the equipment to TFT free and clear of any liens and encumbrances.

This is a limited warranty. The original purchaser of the equipment, any person to whom it is transferred, and any person who is an intended or unintended beneficiary of the equipment, shall not be entitled to recover from TFT any consequential or incidental damages for injury to person and/or property resulting from any defective equipment manufactured or assembled by TFT. It is agreed and understood that the price stated for the equipment is in part consideration for limiting TFT's liability. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.

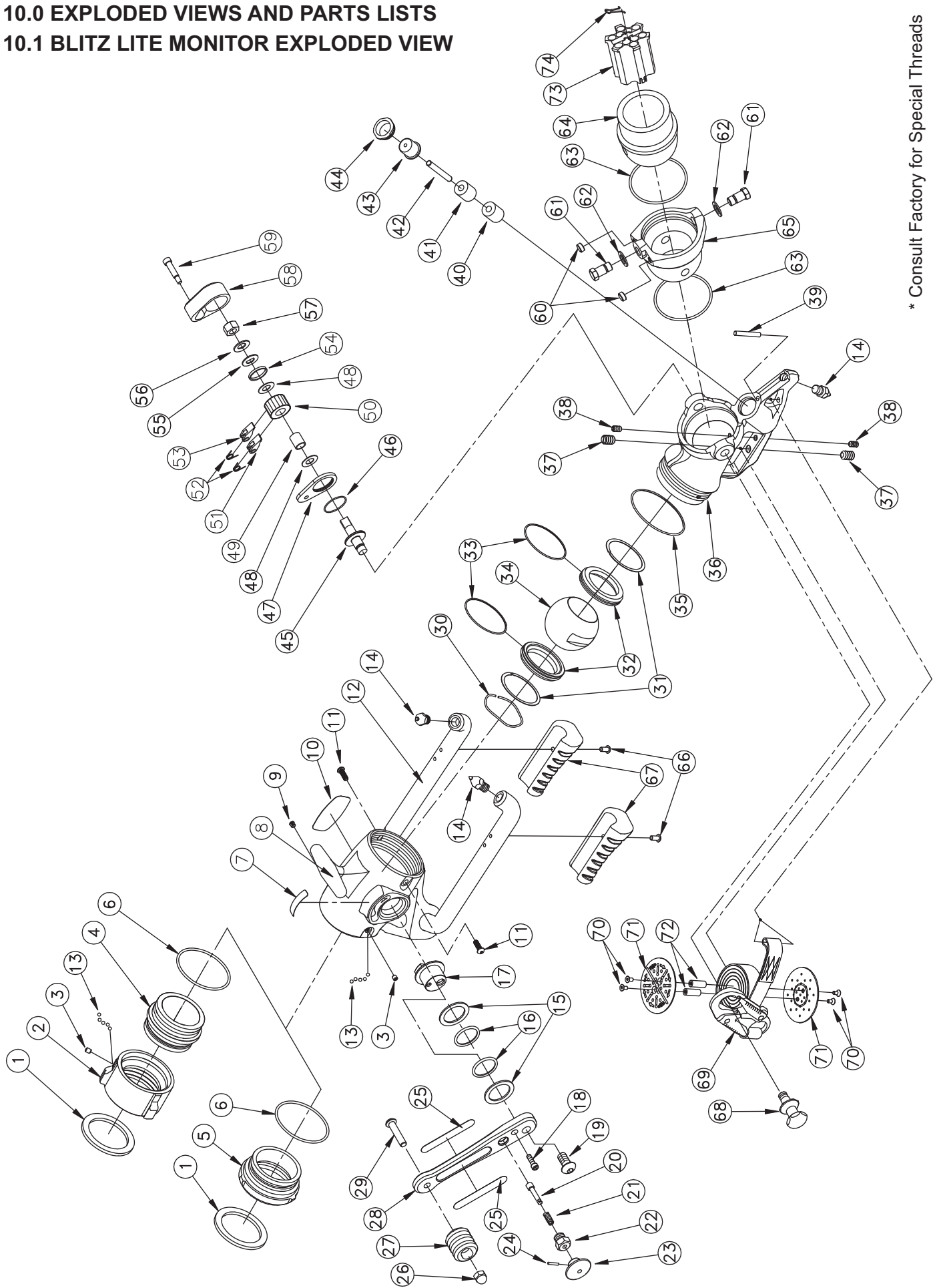
TFT shall have no obligation under this limited warranty if the equipment is, or has been, misused or neglected (including failure to provide reasonable maintenance) or if there have been accidents to the equipment or if it has been repaired or altered by someone else.

THIS IS A LIMITED EXPRESS WARRANTY ONLY. TFT EXPRESSLY DISCLAIMS WITH RESPECT TO THE EQUIPMENT ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND ALL IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE. THERE IS NO WARRANTY OF ANY NATURE MADE BY TFT BEYOND THAT STATED IN THE DOCUMENT.

This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Visit TFT's web site at www.tft.com

10.0 EXPLODED VIEWS AND PARTS LISTS
10.1 BLITZ LITE MONITOR EXPLODED VIEW



* Consult Factory for Special Threads

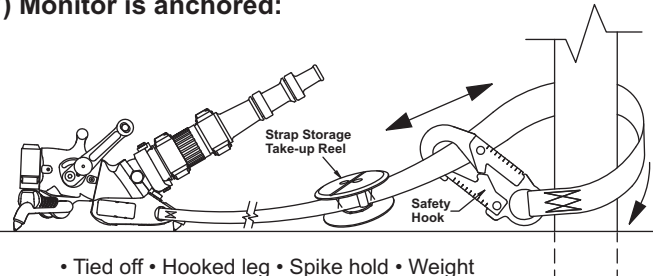
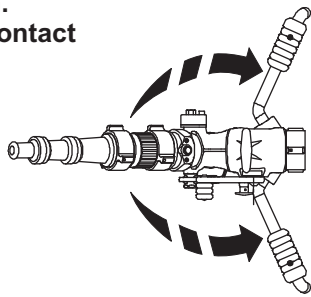
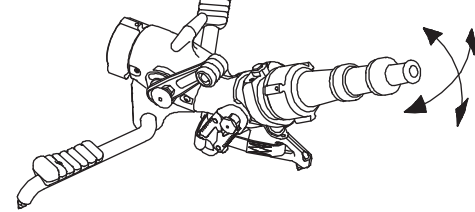
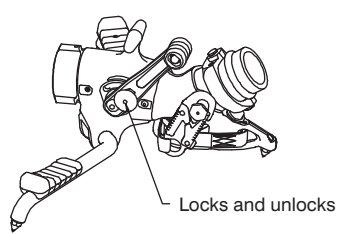
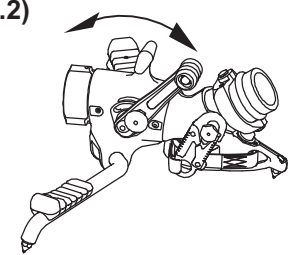
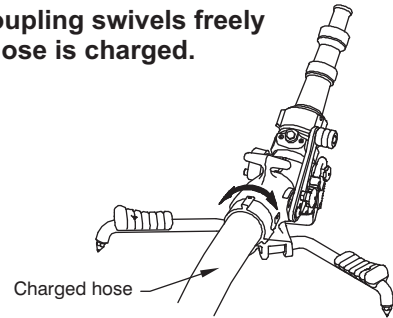
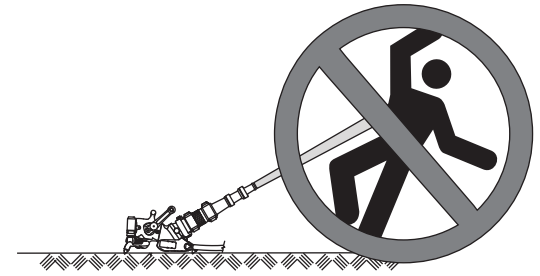
10.1 BLITZ LITE MONITOR PARTS LIST

| # | DESCRIPTION | QTY | PART # |
|----|------------------------------------|-----|--------------|
| 37 | .281" BALL PLUNGER 1/2-13 X 3/4 | 2 | XXL505 |
| 38 | .156" BALL PLUNGER 5/16-18 X 37/64 | 2 | XXL506 |
| 39 | STRAP PIN 1/4 X 1.8 LONG | 1 | XXL585 |
| 40 | SPRING URETHANE .88X.36X1.0 GRN. | 1 | XXL583 |
| 41 | SPRING URETHANE .88X.36X1.0 YEL. | 1 | XXL584 |
| 42 | PLUNGER PIN 5/16 X 2-1/2 LONG | 1 | XXL580 |
| 43 | PLUNGER HEAD | 1 | XXL581 |
| 44 | PLUNGER RETAINER | 1 | XXL582 |
| 45 | CLUTCH TRUNION | 1 | XX325 |
| 46 | O-RING -027 | 1 | VO-027 |
| 47 | CLUTCH BASE | 1 | XX336 |
| 48 | FLAT WASHER - PHENOLIC | 2 | VW1.0X500-03 |
| 49 | NYLON BUSHING | 1 | XX334 |
| 50 | RATCHET | 1 | XX333 |
| 51 | PAWL 37 1/2 DEGREE | 1 | XX332 |
| 52 | TORSION SPRING | 2 | XX338 |
| 53 | PAWL 40 DEGREE | 1 | XX331 |
| 54 | DIRT SEAL | 1 | XX339 |
| 55 | D-WASHER | 1 | XX350 |
| 56 | BELLEVILLE WASHER | 1 | VW1.0X512-BV |
| 57 | 1/2-20 HEX NUT | 1 | VT50-20NT |
| 58 | CLUTCH HOUSING | 1 | XX337 |
| 59 | 5/16 X 1 SOCKET HEAD SHOULDER | 1 | VT31-00SB1.0 |
| 60 | 5/16-18 X 1/4 SOCKET SET SCREW | 2 | VT31-18SS250 |
| 61 | SWIVEL TRUNNION | 2 | XX320 |
| 62 | WAVE SPRING WASHER .74 O.D. | 2 | VW740X550-16 |
| 63 | O-RING-235 | 2 | VO-235 |
| 64 | EXIT 2.5" | 1 | XX310* |
| 65 | EXIT SEGMENT | 1 | XX305 |
| 66 | 1/4-20 X 1/2 BUTTON HEAD SCREW | 2 | VT25-20BH500 |
| 67 | KNEE SUPPORT PAD | 2 | XXL477 |
| 68 | SWIVEL TRUNNION / KNOB | 1 | XXL320 |
| 69 | STRAP ASSEMBLY W/ HOOK | 1 | XXL455-R |
| 70 | 10-24 X 3/8 FLAT HEAD SCREW | 4 | VT10-24FH500 |
| 71 | STRAP REEL FLANGE | 2 | XXL501 |
| 72 | STAND OFF 3/8 X 1.0 LONG | 2 | XXL502 |
| 73 | EXIT FIN INSERT | 1 | XXL405 |
| 74 | EXIT FIN HANDLE | 1 | XXL407 |

| # | DESCRIPTION | QTY | PART # |
|----|----------------------------------|-----|--------------|
| 1 | 2.5 INCH COUPLING GASKET | 1 | V3190 |
| 2 | 2.5 NH COUPLING ROCKER LUG | 1 | M307N |
| 3 | 1/4-28 X 1/2 SOCKET SET SCREW | 1 | VT25-28SS500 |
| 4 | INLET MATE - BLITZ LITE | 1 | XXL605 |
| 5 | INLET ADAPTER - PARTNER LITE | 1 | XXL606 |
| 6 | O-RING-151 | 1 | VO-151 |
| 7 | LABEL; OPEN/CLOSE | 1 | XXL660 |
| 8 | VALVE BODY | 1 | XXL600 |
| 9 | DOME PLUG | 1 | VM4142 |
| 10 | NAME LABEL - BLITZ LITE | 1 | XXL670 |
| | NAME LABEL - PARTNER LITE | 1 | XXL670-F |
| 11 | 1/4-28 X 3/4 BUTTON HEAD SCREW | 2 | VT25-28BH750 |
| 12 | LEG ASSEMBLY | 1 | XXL905 |
| 13 | 3/16" SS BALL | 96 | V2120 |
| 14 | SPIKE | 3 | X482 |
| 15 | TRUNNION SHIM | 2 | P330 |
| 16 | O-RING-219 | 2 | VO-219 |
| 17 | TRUNNION | 1 | XXL325 |
| 18 | 1/4-20 X 3/4 SOCKET HEAD SCREW | 1 | VT25-20SH750 |
| 19 | 1/2-13 X 1 BUTTON HEAD SCREW | 1 | VT50-13BH1.0 |
| 20 | PULL PIN | 1 | XXL340 |
| 21 | PULL PIN SPRING | 1 | X345 |
| 22 | PULL PIN HOUSING | 1 | XX350 |
| 23 | PULL KNOB | 1 | XX341 |
| 24 | PIN 1/8 X 3/4 | 1 | VP125X750H |
| 25 | HANDLE LABEL - BLITZ LITE | 2 | XXL626 |
| | HANDLE LABEL - PARTNER LITE | 2 | XXL626-F |
| 26 | 3/8-16 ACORN NUT | 1 | VT37-16AC |
| 27 | SINGLE HANDLE TOP | 1 | XXL625 |
| 28 | SHUTOFF HANDLE | 1 | XXL620 |
| 29 | 3/8-16 X 1-3/4 BUTTON HEAD SCREW | 1 | VT37-16BH1.7 |
| 30 | WAVE SPRING 2-5/8 BORE | 1 | V4310 |
| 31 | SHIM 2-5/8 O.D. | 2 | V4300 |
| 32 | VALVE BALL SEAT | 2 | P315 |
| 33 | O-RING-038 | 2 | VO-038 |
| 34 | VALVE BALL | 1 | P305 |
| 35 | O-RING-236 | 1 | VO-236 |
| 36 | OUTLET | 1 | XXL420 |

11.0 OPERATION CHECKLIST

Monitor must be inspected for proper operation and function according to this checklist before each use. Before flowing water check:

| | |
|---|---|
| <p>1) There is no obvious damage such as missing, broken or loose parts. 2) Hose and nozzle are securely attached.</p> | <p>7) Monitor is anchored:</p>  <p>• Tied off • Hooked leg • Spike hold • Weight</p> |
| <p>3) Both legs are fully open. 4) All three spikes are in contact with the ground.</p>  | <p>8) Outlet pivots smoothly in both directions and elevation safety plunger is operational.</p>  |
| <p>5) Valve handle locks when closed and releases.</p>  <p>Locks and unlocks</p> | <p>9) Shut-Off valve is operational. (see section 2.2)</p>  |
| <p>6) Inlet coupling swivels freely when hose is charged.</p>  <p>Charged hose</p> | <p>10) Monitor is pointed in a safe direction.</p>  |

WARNING

Any Blitz Lite monitor failing any part of the inspection checklist is unsafe and must have the problem corrected before use. Operating a Blitz Lite that fails any of the above inspections is a misuse of this equipment.

TASK FORCE TIPS, Inc.
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