

INSTRUCTION MANUAL

FRONTLINE[®]

FALL PROTECTION



USER MANUAL

TOOL TETHERING SYSTEMS

WB05, TH05, MPBAG50, ACTLS222,
ACTLS222C, ACTLWB, ACTLDR, ACQW12,
TLC05, TLS15, TLS30, BP10L, HH05SW, TP10

Rev. Aug. 2025

Frontline Fall Protection Inc.
INSTRUCTION MANUAL

This product is indented to meet applicable OSHA 1910, OSHA 1926 and/or ANSI ISEA 121-2018 standards. These instructions apply to the following model(s):

WB05
TH05
MPBAG50
ACTLS222
ACTLS222C
ACTLWB
ACTLDR
ACQW12
TLC05
TLS15
TLS30
BP10L
HH05SW
TP10

Applicable standards and regulations depend on the type of work being done, and also might include state-specific regulations. Refer to local, state, and federal (OSHA) requirements for additional information concerning the governing body of occupational safety regarding Personal Fall Arrest Systems (PFAS) and protecting others from struck by hazards/falling objects.

All users must refer to local, state or federal safety and health regulations before using this equipment. If there's a contradiction between any local, state, federal requirement and/or standard with this manual or within this manual, whichever is the most stringent will apply.

You are required to read and fully understand the user instruction manual BEFORE using these products. Improper use and installation can result in serious injury or death. User manuals occasionally may be updated so for the latest user manual please visit www.frontlinefall.com/uim.

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GENERAL WARNINGS:

The use of these tool-holding systems (which are not classified as PPE) does not exempt you from the obligation to wear appropriate PPE, including a safety helmet, fall protection and other necessary protective equipment. Always prioritize safety to protect yourself and those working around you. Additionally, the following warnings must be taken into account:

- All fall protection equipment used for tools should be used exclusively with Frontline products, unless a qualified person approves another brand's compatibility. Frontline assumes no responsibility for misuse, accidents or lack of compatibility
- Ensure users have read and understood the product information, warning labels (if applicable), and user manual for all fall protection tools before use.
- Users must be evaluated and deemed competent before operating any equipment outlined in this manual.
- Regularly inspect and maintain all equipment and tools before each use to identify any defects or signs of wear. Any questionable items must be reported immediately to a competent person or Frontline for further evaluation and must not be used.
- Remove and tag out any damaged, worn, or defective equipment, tools, tool tethers, or attachment points from service immediately.
- Do NOT work around machinery that is moving or rotating, as equipment can become entangled or caught in moving parts, increasing the hazard.
- Do NOT modify this equipment or tools beyond the manufacturer's specifications.
- After attaching your tool pouch or holster to your belt, ensure the belt is securely fastened to prevent the pouch, holster, tools or accessories from falling.

ADDITIONAL WARNINGS SPECIFIC FOR ALL FALL PROTECTION FOR TOOLS (FPFT) THAT ALSO MUST BE TAKEN INTO ACCOUNT:

- Always inspect FPFT before each use.
- If there's any imperfection or defective material, discard immediately and replace with new FPFT.
- Never exceed the safe use limitations of the FPFT equipment.
- Only use Frontline branded FPFT compatible equipment to tether tools.
- No FPFT combination used, should interfere with the safe use of the tool or equipment.
- All connection should be tested prior to use with.
- Do not use more than one FPFT connector per anchor.
- Use extra precaution around moving machinery or other moving parts when using FPFT.
- Do not attach a tool of more than 5 lbs to the users body, for larger equipment and heavier tools use a safe connection point on building structure.
- Use FPFT for its intended use. Never make modifications.
- If there's any doubts or concerns with Frontline FPFT report to competent person or please contact us immediately.

TRAINING REQUIREMENTS:

Before using Frontline Fall Protection product, user and employers must ensure that the person using this equipment has been trained on the proper use, care and maintenance of this product by a competent person qualified in Fall Protection/Fall Protection for tools . It is the responsibility of the user of this product to ensure that proper training has been done in addition to reading and fully understanding these user instructions manual.

Additionally, the employer must establish a training program to employees that are exposed to a fall Hazard, struck by hazards/falling objects and other similar hazards and be trained by a competent person qualified in those areas. The program shall enable each employee to recognize the hazards of falling, struck by fallen objects and shall train each employee in the procedures to be followed in order to minimize these hazards.

Retraining is necessary when the employer has reason to believe that any affected employee who has already been trained does not have the understanding and skill to carry out those duties. Circumstances where retraining is required include, but are not limited to, situations where:

- Changes in the workplace render previous training obsolete.
- Changes in the types of fall protection systems or equipment to be used render previous training obsolete.
- Inadequacies in an affected employee's knowledge or use of fall protection systems or equipment indicate that the employee has not retained the requisite understanding or skill.
- Changes in the OSHA regulations or ANSI Standards.

Training must be done in the language that the employee understands and shall be documented and kept as outlined under OSHA recordkeeping regulations. No user or employee shall perform work without the proper training and understanding on how to properly and safely use this product.

Do not skip this instruction manual. Read the instruction manual carefully before using the equipment. If failed in doing so it may cause serious injury or Death.

Note: The user is responsible for retaining this instruction manual for the entire lifespan of the product.

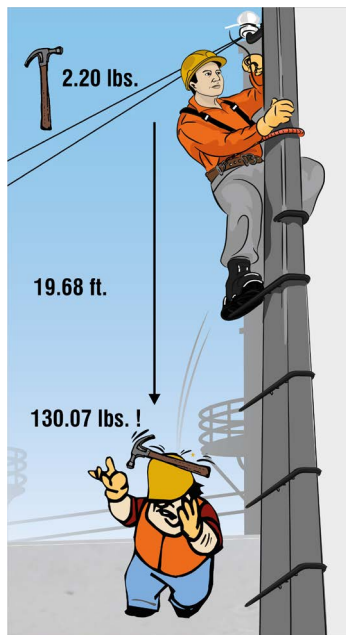
1. INTRODUCTION

This manual must be read and fully understood, and it should be incorporated into fall protection training programs as required by OSHA, ANSI/ISEA 121-2018, and any applicable local or state regulations. Users must have a complete understanding of the proper use and limitations of the equipment. According to standards, "tools and other accessories used by a worker at height must be secured to the worker's harness, seat, or another appropriate method."

Accordingly, FRONTLINE tools, lanyards, anchors, and accessories are designed to securely hold virtually any type of tool that could accidentally fall, potentially causing property damage, serious injury, or even fatalities to workers on lower levels.

In fact, objects dropped by workers are one of the leading cause of fatalities in the workplace. Often, the consequences of falling objects are underestimated. Dropped tools not only pose a risk to others below but can also lead to damage or destruction of the tools themselves, resulting in costly repairs or replacements and increased downtime as workers leave their stations to recover lost equipment.

When engineered systems such as nets, containment areas, or partitions cannot prevent falling tools, fall protection equipment like our tool lanyards and anchors should be used to mitigate this risk.

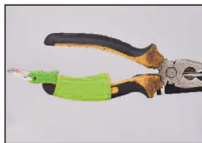


2. THE FUNDAMENTAL STEPS OF FALL PROTECTION FOR TOOLS:

- A) Choosing the attachment point on the tool
- B) Choosing the lanyard connection
- C) Choosing the anchor point

A) CHOOSING THE ATTACHMENT POINT ON THE TOOL:

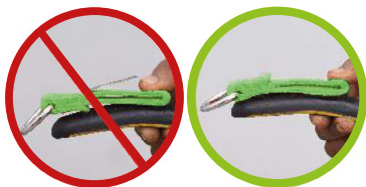
- (I) This may be a hole on the handle or the body of the tool, or, the body of the tool may serve as an attachment point.
- (II) If the above options are not available, the attachment point may be created on the tool directly:



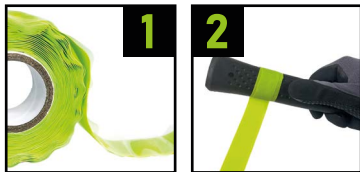
Instructions For Creating An Attachment Point On The Tool Using Attachment Webbing Tool D-ring anchor ACTLDR With Selfmerging Rubber Tape:

WHEN USING THE D-RING ANCHOR ACTLDR*:

- a. When installing the D-ring, make sure of its placement, so it can pivot freely.
- b. Fix the attachment D-ring to the tool using self merging rubber tape:
 - (I) Clean the surface to be used, cut a piece of the tape to the desired length (12 to 20 inches, or wrap around a minimum of 8 times around the tools which ever is greater). The length should be adjusted based on the size of the tool/handle. Fig.01
 - (II) Remove and discard the clear plastic protective film. Both sides of the tape "work". Fig.02
 - (III) Make the 1st winding around the handle, holding the tape in position and rolling it around the desired part (handle + attachment D-ring), until the tape is doubled over itself. This initial winding, tape on tape, will help to secure the future layers. Fig.03



Watch Out for the Direction!



(IV) Make sure to maintain constant tension as you are handling it, and that each new layer of tape partially covers the bare part and partially the tape itself. This overlapping will help the tape to selfmerge. The stretch should be 40%/50% of the remaining length of the tape; this stretching ensures the application will hold. Fig.04



(V) The tape must be wound at minimum over the entire length of the attachment D-ring in one direction and covered a second time over itself, in the other direction. The last layer of tape must be wound completely over the previous layer without overlapping. Maximum tension is not necessary on the last layer. Fig.05



(VI) The tape layers will start to self-merge immediately, with permanent adhesion within a few hours.

Repositioning is not recommended. Even though the silicone tape may be used under wet or oily conditions, an application on a clean, dry surface is required. The tape is not reusable, but additional tape layers can be added at any point in time.

(VII) After application and curing time, always check the strength of the application by testing it with a 5 lbs load and/or by doing a few pull tests with sufficient force to ensure its firm grip, but not to the point where the tape will rip out or damage the tool's integrity. Perform this test before every use and in conjunction with the tool lanyard already attached.

*For the purpose of this manual, d-ring, d-ring anchor or anchor are referred to part number ACTLDR or any other suitable anchoring point for the connecting device.

Note: Maximum tool load for this type of attachment (ACTLDR + ACQW12): 5lbs.

B) SELECT THE CONNECTION (TOOL LANYARD):

The lanyard connection must be selected based on the weight of the tool, the attachment on the tool, (See Fig.1), based on the length necessary for use and the application. Below are some examples, but always ensure the tool lanyard never gets in the way of the safe operation of the tool.

FIGURE 1:



Using Choking or Carabiner Lanyards: Most tool lanyards as shown above in Figure 1, can be choked around the tool or tool tethering point if it exists. Always properly choke or adjust tight on cord stopper until you have a snug a tight fit. If the tool lanyard has a double carabiner, connect to d-ring anchor or tool tethering point.

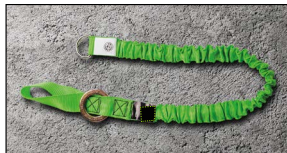


Note: Always properly choke or adjust tight on cord stopper until you have a snug a tight fit.

Using Tool Lanyard ACTLS222C:

(I) Make a lanyard hitch knot around the tool, making sure to attach the lanyard opposite the tool's natural center of gravity.

(II) The round metal ring on the tool-carrying lanyard ACTLS222C can be used to attach a tool on a fixed connector attached on user when the tool is not used.









Using Wrist Band TLC05:

Insert your hand through your hand and wrap the band around your wrist. Ensure you have a snug fit. Connect the other end of the lanyard to the tool whether in the tethering point choked or with the d-ring anchor as shown and referenced in the image.



TOOLS LANYARDS

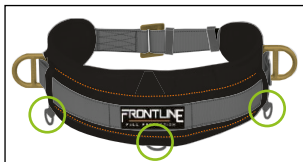
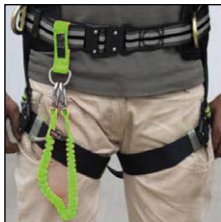
IMAGE	PART NUMBER	CAPACITY (lbs)	LENGTH*	MATERIAL
	ACTLS222	11 lbs	RELAXED 2.79'	Polyester (webbing) and High Strength Aluminum (carabiner)
			EXPANDED 4.43'	
	ACTLS222C	22 lbs	RELAXED 2.79'	Polyester (webbing) and High Strength Aluminum (carabiner)
			EXPANDED 4.43'	
	ACTLWB	4.4 lbs	19.6"	Polyester
	TLC05	5 lbs	-	Aluminum
	TLS15	15 lbs	RELAXED 3'	Polyester (webbing) and High Strength Aluminum (carabiner)
			EXPANDED 5.5'	
	TLS30	30 lbs	RELAXED 3'	Polyester (webbing) and High Strength Aluminum (carabiner)
			EXPANDED 5'	

*All of the lengths described above are approximate lengths of that specific tool lanyard being referenced

Note: Maximum tool load for lanyard ACTLS222C and TLS30 are well over 20 lbs. Frontline does not recommend attaching more than 5 lbs per tethering device to the body. A separate suitable anchor point to the structure shall be used if the tool is more than 5 lbs.

C) CHOOSING THE ANCHOR POINT:

(I) If attached to the body, never attach on a single point more than 5 lbs. Below are some examples on how the tools can be tethered:



(II) It may be a removable D-ring that can be installed on a harness, belt, or any other suitable attachment point that doesn't interfere with the safe working use of the tool and it's an appropriate anchor point for the application.

(III) Once the anchor point and the lanyard are selected, the connections can be made using the connectors.

(IV) Item ACTLWB is installed on the user's wrist, so the wrist serves as the anchor point!

(V) Always make sure the hook-and-loop closures fasten properly, because they make sure the bracelet stays closed and holds if the tool is dropped.

(VI) Always make sure the carabiners are closed and locked (screwed in).

TOOL POUCHES AND HOLSTERS

USING TOOL POUCH TP10:

- (I) Locate the tunnel belt loops on the back of the tool pouch. These loops come in two different sizes to accommodate various types of belts.
- (II) Detach the tool belt if necessary, and then insert the tool pouch by sliding the harness belt through the loops to secure the tool pouch.
- (III) Once the tool pouch is secured, you can start storing up to 10 lbs of tools inside the tool pouch. The tools can be stored inside the pouch or with the d-rings located on the front sides. If storing hardware such as nails, screws, bolts or similar items, the tool pouch should always be in its closed position to avoid falling products.
- (IV) Tools must always be attached to the tool lanyards and their respective d-ring anchors to ensure tools do not detach from the pouch and while in use.



USING TOOL POUCH BP10L:

- (I) Locate the tunnel belt loops on the back of the tool pouch.
- (II) Unbutton the straps and slide them behind the tool belt and then button the straps again to secure the tool pouch onto the tool belt.
- (III) Once the tool pouch is secured, you can start storing up to 10 lbs of tools inside the tool pouch. If storing hardware such as nails, screws, bolts or similar items, the tool pouch should always be in its closed position to avoid falling products.





USING SWIVELING HAMMER HOLSTER HH05SW:

(I) Locate the tool belt loop opening on the back of the holster and slide the tool belt to attach the holster securely to your belt.

(II) Place the hammer in the silver holster support for quick and secure access while carrying the tool.

(III) The product includes two anchor d-rings on the sides for connecting your tool tethering; use them as anchors to attach your connecting device and your hammer or preferred tool to securely attach the tools. Ensure weight limit does not exceed 5 lbs.



USING TOOL HOLSTER TH05:

- (I) Locate the tool belt loop opening on the back of the holster and slide the tool belt to attach the holster securely to your belt.
- (II) Tools can be stored in any of the three compartments, depending on their size.
- (III) Ensure all tools are securely attached to the anchor d-rings on the sides. Ensure weight limit does not exceed 5 lbs.



USING FALL PROTECTION FOR TOOLS BAG MPBAG50:

- (I) Each connection anchor point cannot have a greater load more than 5 lbs.
- (II) When using tool bag, loop ring on the top back must be also anchored and secured to the structure before use and be able to sustain all the bags contents load should it be subject to a fall
- (III) Use proper tool connection and method as outlined on this user manual.
- (IV) Always work with bag away from the edge of the building structure.
- (V) When transporting or using the bag, never overload the bag the maximum capacity is 50 lbs.



(VI) When hoisting the bag, ensure it is properly hoisted/rigged and there's no one underneath the load.

(VII) Use badge holder to enter emergency information should one occur.



3. MAINTENANCE AND CARE:

After using your fall protection for tools, remove any dirt, corrosive substances, or contaminants from the equipment and store it in a clean, dry place that is protected from fumes, corrosive agents or other hazard contaminants. Proper maintenance of your safety gear will ensure it functions properly and lasts longer.

In order to clean your equipment, remove surface dirt with a clean dampened cloth or you can use warm water and soap to clean the equipment. Dip the cloth into a mild water, soap, or detergent solution and scrub gently. Once done, you can wipe the equipment with a clean cloth and hang to dry.

4. INSPECTION:

Conducting a visual check is essential for ensuring the safe use of safety equipment. Examine the entire surface of the product by beginning on one end and gradually moving to the other, carefully turning the product as needed. The items inspection may vary depending on the product being inspected, so use the following as reference, but not limited to:

- Check that the tool pouch or holster webbing is free from rips, cuts, or any damage.
- Ensure the stitching is visible, intact, and not missing or fraying.
- Verify that the anchor D-rings are securely looped and properly stitched to the tool pouch.

- Confirm that zippers open and close smoothly.
- Ensure that tool pouch flaps close automatically when not in use.
- Check that hammer or tool holsters rotate freely.
- Make sure button closures function correctly.
- Look for any damage or signs of wear that could compromise the effectiveness or reliability of the tool tether, attachment point, tool pouch, or the tool itself.

If any part of the product is questionable, do not use and report to a competent person or Frontline Fall Protection.

5. CAPACITY:

(I) Never exceed the maximum capacity of tool lanyard, anchor or tape. The maximum allowable capacities for the equipment are as follows:

Reference	Max. Allowable Load
TLC05	5 lbs(2.2 kg)
TLS15	15 lbs(6.8 kg)
TLS30	30 lbs(13.6 kg)
ACTLDR	4.4 lbs(2.2 kg)
ACTLS222	11 lbs(5 kg)
ACTLS222C	22 lbs(10 kg)
ACTLWB	4.4 lbs(2.2 kg)
ACQW12	Bond Strength: 5 lbs (2.2 kg)
WB05	5 lbs(2.2 kg)
TH05	5 lbs(2.2 kg)
MPBAG50	50 lbs(22.6 kg)
BP10L	10 lbs(4.5 kg)
HH05SW	5 lbs(2.2 kg)
TP10	10 lbs(4.5 kg)

WARRANTY: All FRONTLINE products bear 1-year warranty against manufacturing defects, applicable on Unused FRONTLINE products, from the date of purchase. However, FRONTLINE shall not be liable for any accident or damage while the product is in use.

DISCLAIMER: This information on the product is based upon technical data that FRONTLINE obtained under laboratory conditions and believes to be reliable. FRONTLINE does not guarantee results and takes no liability or obligation in connection with this information. As conditions of end use are beyond our control it is the user's responsibility to determine the hazard levels and the use of proper personal protective equipment. Persons having technical expertise should undertake evaluation under their own specific end-use conditions, at their own discretion and risk. Please ensure that this information is only to check that the product selected is suitable for the intended use. Any product that is damaged, torn, worn or punctured should be immediately discontinued from usage.

EQUIPMENT RECORD

Product		
Model & type/identification	Trade Name	Identification number
Manufacturer	Address	Tel, email into use
Year of manufacture	Purchase Date	Date first put into use
Other relevant information (eg. document number)		

PERIODIC EXAMINATION AND REPAIR HISTORY

Date	Reason for entry (periodic examination or repair)	Defects noted, repairs carried out and other relevant information	Name and signature of competent person	Periodic examination next due date



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