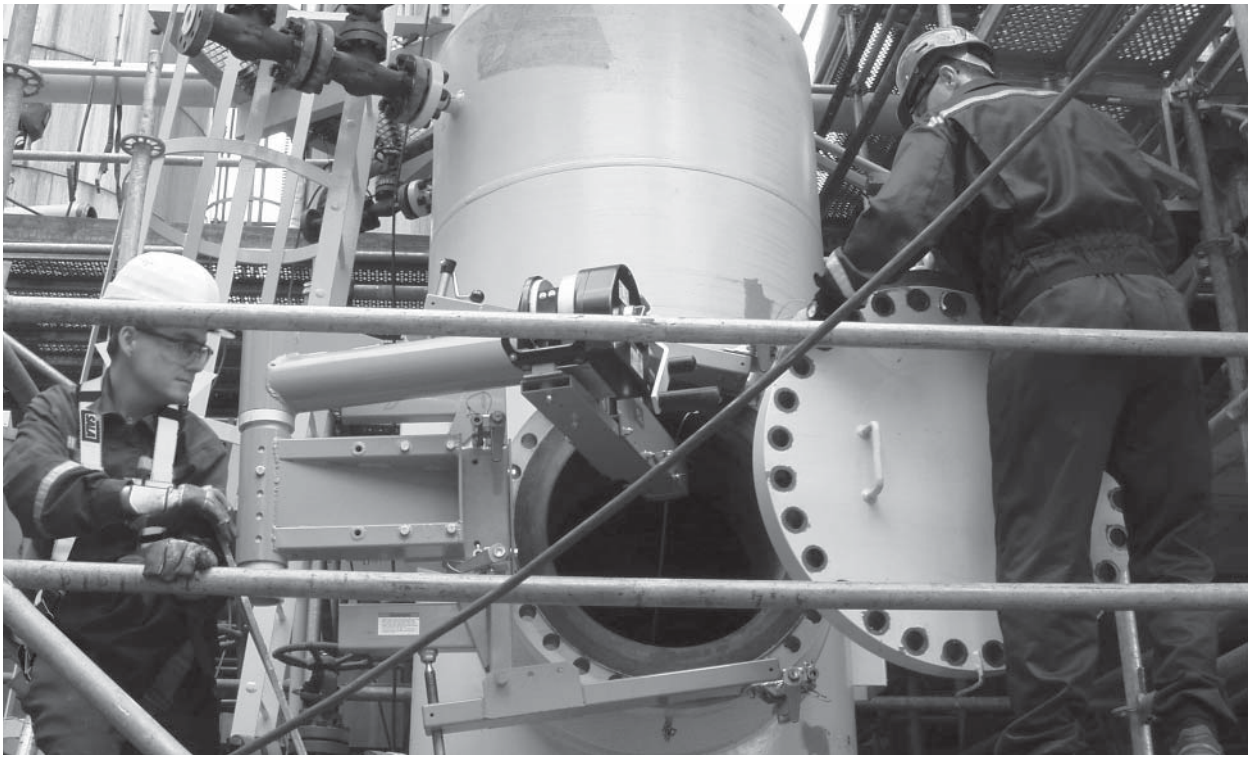
Instructions for the following series products

Side Entry System

(See manual Section 9 for model numbers.)

USER INSTRUCTION MANUAL
SIDE ENTRY SYSTEM

This manual is provided as the Manufacturer's Instructions, and should be used as part of an employee training program as required by OSHA.



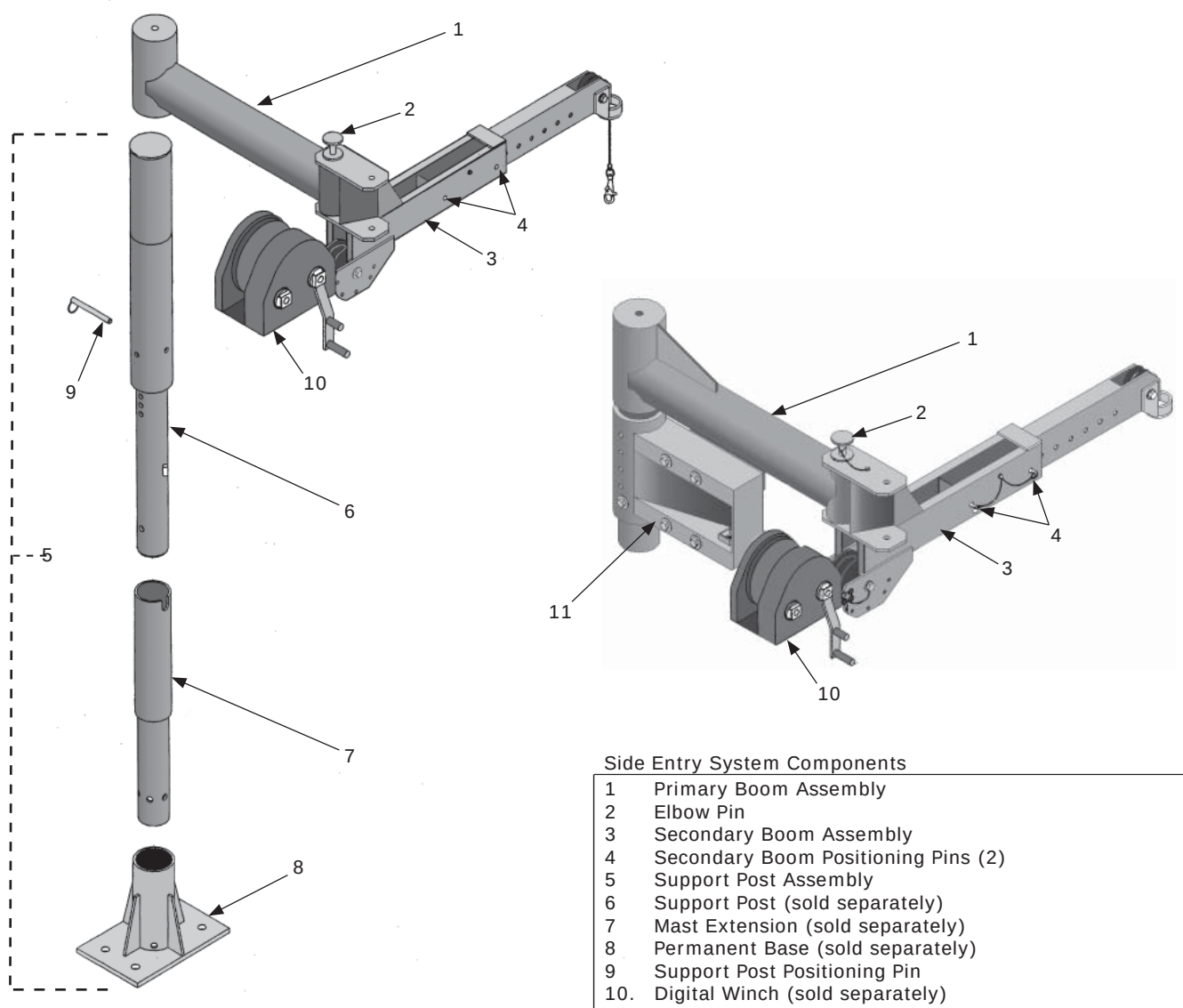
DESCRIPTION

The DBI/SALA Side Entry System is designed for single user confined space entry/retrieval and rescue operations involving horizontal entries with vertical positioning or retrieval required inside the space. The Side Entry System may be used with the model 8511231 External Adjustable Tank Collar for adaptation to different manways. It may also be used with a permanently mounted base and extension post. The Side Entry System features flexible setup options and a fully articulating boom system. It is fully adaptable to an infinite number of manway designs and surrounding configurations.

WARNING: *This product is part of a personal restraint, work positioning, suspension, or rescue system. These instructions must be provided to the user and rescuer (see section 7 Terminology). The user must read and understand these instructions or have them explained to them before using this equipment. The user must read and follow the manufacturer's instructions for each component or part of the complete system. Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death.*

WARNING: *It is essential to the safety of the user that if this product is re-sold outside the original country of destination, the reseller shall provide instructions for use, for maintenance, for periodic examination and for repair in the language of the country in which it is to be used.*

Figure 1 - Side Entry System



Side Entry System Components

1	Primary Boom Assembly
2	Elbow Pin
3	Secondary Boom Assembly
4	Secondary Boom Positioning Pins (2)
5	Support Post Assembly
6	Support Post (sold separately)
7	Mast Extension (sold separately)
8	Permanent Base (sold separately)
9	Support Post Positioning Pin
10.	Digital Winch (sold separately)
11	Bracket, External Adjustable Tank Collar (sold separately)

IMPORTANT: *If you have questions on the use, care, or suitability for use of this equipment, contact DBI-SALA immediately.*

1.0 APPLICATION

1.1 PURPOSE: The Side Entry System is designed for single user confined space entry / retrieval and rescue operations involving manways in the side of tanks, boilers, columns, silos, etc. The Side Entry System provides a platform for the mounting of various devices for Fall Protection, Vertical Work Positioning, Retrieval and Rescue.

The **Side Entry System** can be installed using DBI-SALA Internal or External Adjustable Tank Collars, or a wide variety of standard Fixed Base options.

1.2 LIMITATIONS: The following application limitations must be recognized and considered before using this product:

A. CAPACITY: The maximum working load for this product is a 450 lbs. (204 kg). Use of various accessories may reduce the allowable weight to be vertically positioned or retrieved.

B. SIDE ENTRY SYSTEM: Equipment selected for use with this Side Entry System must meet the system performance and other criteria as stated in section 2.0.

C. PHYSICAL AND ENVIRONMENTAL HAZARDS: Use of this equipment in areas with physical or environmental hazards may require that additional precautions be taken to reduce the possibility of damage to this equipment or injury to the user. Hazards may include, but are not limited to: high heat (welding or metal cutting), corrosive environments such as exposure to seawater, explosive or toxic gases, moving machinery or sharp edges. Contact Capital Safety if you have questions about the application of this equipment in areas where physical or environmental hazards are present.

D. CHEMICAL HAZARDS: Solutions containing acids, alkali, or other caustic chemicals, especially at elevated temperatures may cause damage to this equipment. Consult Capital Safety if doubts exists concerning installing this equipment where chemical hazards are present.

E. ELECTRICAL HAZARDS: Do not install the Side Entry System where it, or the equipment connected to it, or the user, may come into contact with electrical power lines.

F. TRAINING: This equipment must be installed and used by persons who have been properly trained in its correct application and use. Installation and use of this equipment must be supervised by a qualified person, as defined by OSHA fall protection standards.

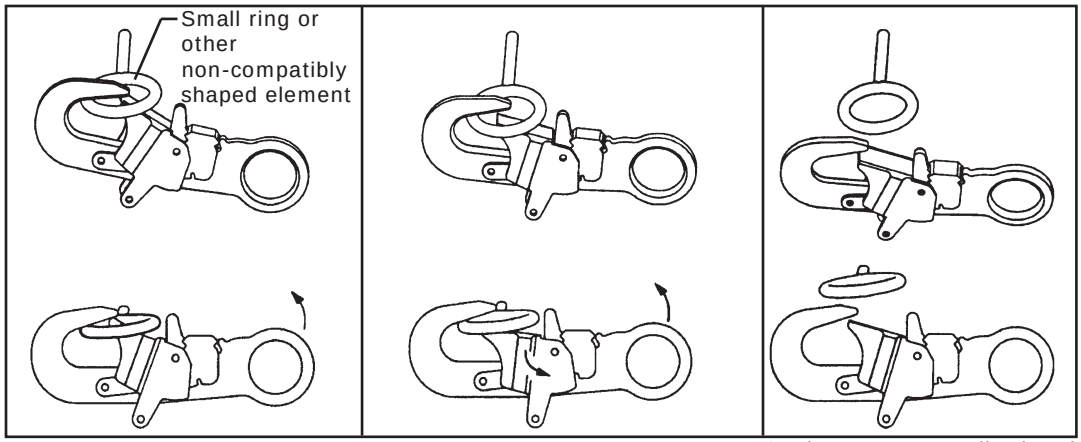
1.3 Refer to national Standards including ANSI Z359 (.0, .1, .2, .3, and .4) family of standards on fall protection, ANSI A10.32, and applicable local, state and federal (OSHA) requirements governing occupational safety for more information about work positioning systems.

APPLICATION RESTRICTIONS:

- The maximum working load for this product is a 450 lbs. (204 kg). Use of various accessories may reduce the allowable weight to be vertically positioned or retrieved. Consult product specification sheets for all components of any system, and be aware of any restrictions before using the equipment.
- Mounting surfaces must be capable of supporting a minimum of 130,000 inch lbs (14,688 N·m) moment and 1,800 lb (8 kN) vertical load.
- The Side Entry System must only be used with accessories supplied or approved by Capital Safety.
- Each installation must be approved to local standards by a qualified engineer.

Figure 2 - Unintentional Disengagement (Roll-out)

If the connecting element that a snap hook (shown) or carabiner attaches to is undersized or irregular in shape, a situation could occur where the connecting element applies a force to the gate of the snap hook or carabiner. This force may cause the gate (of either a self-locking or a non-locking snap hook) to open, allowing the snap hook or carabiner to disengage from the connecting point. For ANSI Z359.1-2007 compliant hooks, there are no restrictions on the size or shape of the mating connector provided the snap hook is free to align with the applied load as intended.



1. Force is applied to the snap hook.
2. The gate presses against the connecting ring.
3. The gate opens allowing the snap hook to slip off.

2.0 SYSTEM REQUIREMENTS

2.1 COMPATIBILITY OF COMPONENTS: DBI-SALA equipment is designed for use with DBI-SALA approved components and subsystems only. Substitutions or replacements made with non-approved components or subsystems may jeopardize compatibility of equipment and may affect the safety and reliability of the complete system.

2.2 COMPATIBILITY OF CONNECTORS: Connectors are considered to be compatible with connecting elements when they have been designed to work together in such a way that their sizes and shapes do not cause their gate mechanisms to inadvertently open regardless of how they become oriented. Contact Capital Safety if you have any questions about compatibility.

2.3 MAKING CONNECTIONS: Only self-locking snap hooks and/or carabiners shall be used with this equipment. Ensure all connectors are fully closed and locked and compatible.

DBI-SALA connectors (snap hooks and carabiners) are designed to be used only as specified in each product's user instructions. See Figure 3 for inappropriate connections. DBI-SALA snap hooks and carabiners should not be connected:

A. To a D-ring which another connector is already attached.

B. In a manner that would result in a load on the gate.

NOTE: *Large throat snap hooks should not be connected to standard size D-rings or similar objects which will result in a load on the gate if the hook or D-ring twists or rotates, unless the snap hook complies with ANSI Z359.1-2007 and is equipped with a 3,600 lb gate. Check the marking on your snap hook to verify that it is appropriate for your application.*

C. In a false engagement, where features that protrude from the snap hook or carabiner catch on the D-ring, and without visual confirmation seems to be fully engaged to the anchor point.

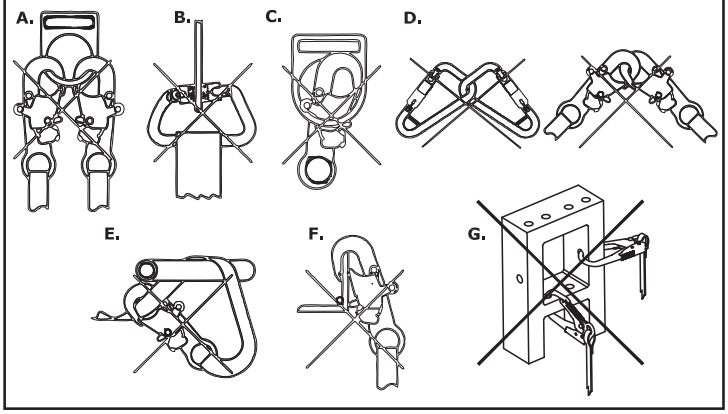
D. To each other.

E. Directly to webbing or rope lanyard for tie-back (unless specifically provided by the manufacturer).

F. To any object which is shaped or dimensioned such that the snap hook or carabiner will not close and lock, or where roll-out could occur.

G. In a manner that does not allow the connector to align with the fall arrest device (i.e., lanyard) while under load.

Figure 3 - Inappropriate Connections



OTHER RESTRICTIONS:

- Do not make connections where the hook locking mechanism can come into contact with a structural member or other equipment and potentially release the hook.
- Do not connect a snap hook into a loop or thimble of a wire rope or attach in any way to a slack wire rope.
- The snap hook must be free to align with the applied load as intended (regardless of the size or shape of the mating connector).
- A caribiner may be used to connect to a single or pair of soft loops on a body support such as a body belt or full body harness, provided the carabiner can fully close and lock. This type of connection is not allowed for snap hooks.
- A carabiner may be connected to a loop or ring connector that is already occupied by a choker style connector. This type of connection is not allowed for snap hooks.

2.4 ANCHORAGE STRENGTH: The anchorage to which the system post is installed must meet minimum strength(s) as given below for the applications selected:

Per OSHA 1926.500 and 1910.66: Anchorages used for attachment of personal fall arrest systems (PFAS) shall be independent of any anchorage being used to support or suspend platforms and capable of supporting at least 5,000 lbs. (22.2 kN) per user attached, or be designed, installed and used as part of a complete PFAS which maintains a safety factor of at least two and is under the supervision of a qualified person.

Connectors (hooks, carabiners, and D-rings) must be capable of supporting at least 5,000 lbs. (22.2 kN). Connectors must be compatible with the anchorage or other system components. Do not use equipment that is not compatible. Non-compatible connectors may unintentionally disengage. See Figure 2. Connectors must be compatible in size, shape, and strength. Self-locking snap hooks and carabiners are required by ANSI Z359.1, OSHA, and in Canada, by CSA Z259.12.

3.0 SET UP AND USE OF THE SIDE ENTRY SYSTEM

WARNING: *Do not alter or intentionally misuse this equipment. Consult with DBI-SALA if using this equipment in combination with components or subsystems other than those described in this manual. Some subsystems and components combinations may interfere with the proper operation of this equipment.*

WARNING: *Do not use this equipment if you are unable to tolerate the impact from a fall arrest. Age and fitness can seriously affect your ability to withstand a fall. Pregnant women and minors must not use this equipment.*

3.1 **BEFORE EACH USE OF THIS EQUIPMENT,** carefully inspect it to assure that it is in serviceable condition. Check for worn or damaged parts. Ensure the Side Entry System components are secure and not distorted. Inspect for sharp edges, burrs, cracks, or corrosion. Inspect other fall arrest equipment in accordance with manufacturer's instructions. Refer to section 5.0 for further inspection details. Do not use if inspection reveals an unsafe condition.

3.2 Plan your side entry before starting your work. Take into consideration factors affecting your safety at any time during use. The following list gives some important points you must consider when planning your system:

A. ANCHORAGE: Select a mounting point that is rigid and capable of supporting the required loads. See section 2.4. Locate system post mounting base in accordance with section 3.3.

B. OTHER CONSIDERATIONS: Personal fall arrest systems must be rigged to limit any free fall to a maximum of 6 feet (OSHA and ANSI Z359.1). Avoid working above your anchorage level since an increased free fall distance will result. Avoid working where your line may cross or tangle with that of other workers or objects. Do not allow the lifeline to pass under arms or between legs. Never clamp, knot, or prevent the lifeline from retracting or being taut. Avoid a slack line. Do not lengthen an SRL by connecting a lanyard or other components without consulting Capital Safety. Should a fall occur, there must be sufficient clearance in the fall area to arrest the fall before striking the ground or other object. The total fall distance is the distance measured from the onset of a fall to the point where the fall is arrested. A number of factors can influence total fall distance including: user's weight, anchorage location relative to the fall (swing fall), body support with sliding D-ring, etc.

C. SWING FALLS: Swing falls occur when the anchorage point is not directly above the point where a fall occurs. The force of striking an object while swinging (horizontal speed of the user due to the pendulum affect) can be great and may cause serious injury. Swing falls can be minimized by working as directly below the anchorage point as possible. Also in a swing fall situation, the total vertical fall distance of the user will be greater than if the user had fallen vertically directly below the anchorage point. The user must therefore account for an increase in the total free fall distance and the area needed to safely arrest the fall. If a swing fall hazard exists in your application, contact Capital Safety before proceeding.

D. SHARP EDGES: Avoid working where the connecting subsystem (i.e. self retracting lifeline, full body harness, etc.) or other system components will be in contact with, or abrade against unprotected sharp edges. If working with this equipment near sharp edges is unavoidable, protection against cutting must be provided by using a heavy pad or other means over the exposed sharp edge. A energy absorbing component can sometimes be added in-line to further protect the worker. Compatibility and total fall distance issues must be considered if this is done. Contact Capital Safety before using in-line energy absorbing components or lanyards with self retracting lifelines.

E. RESCUE: When using this equipment, the employer must have a rescue plan and the means at hand to implement it and must communicate that plan to users, authorized persons, and rescuers.

F. AFTER A FALL: Any equipment which has been subjected to the forces of arresting a fall or exhibits damage consistent with the effect of fall arrest forces as described in section 5, must be removed from service immediately and destroyed by the user, the rescuer, or an authorized person.

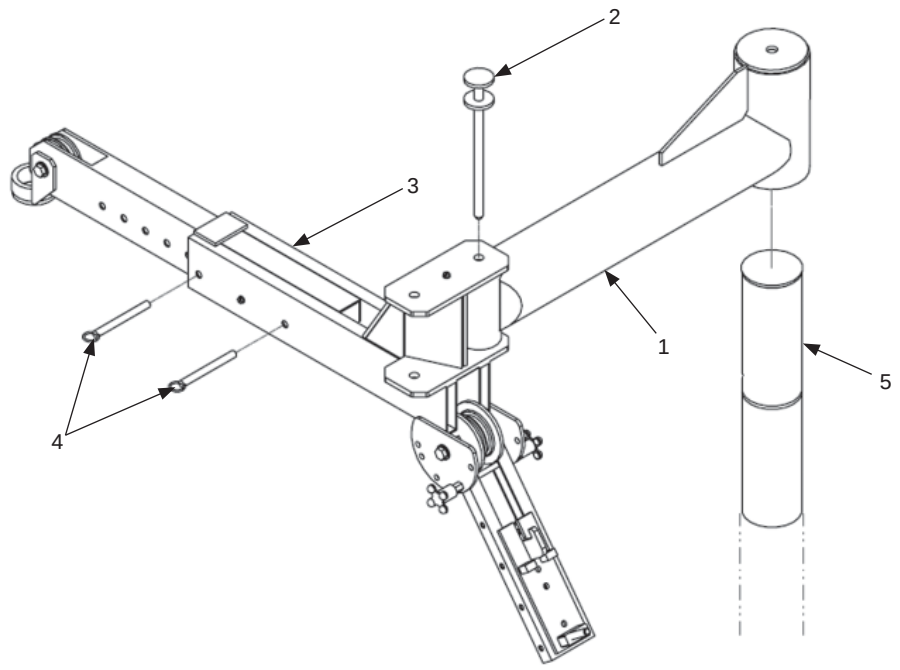
3.3 ASSEMBLY

A. The Side Entry System Arm Assembly is comprised of two separate assemblies which are joined during set up. No tools are required for this assembly procedure.

B. The Primary Boom, Figure 4 (1), connects to the articulating, expandable Secondary Boom Assembly (3) with the use of the Elbow Pin (2). The Secondary Boom expansion distance is set by use of the two Secondary Boom Positioning Pins (4).

The Primary Boom is connected to a support post, Figure 4 (5, typical support post shown) or tank collar. The Secondary Boom has a receiver on both sides to allow for locating a support post or tank collar on the left or right side of the manway. This accommodates obstacles, entry geometry and supervisory preferences. Refer to the appropriate section of this and other related manuals for information on accessory installation, operation, maintenance, inspection and repair.

Figure 4 - Side Entry System Assembly



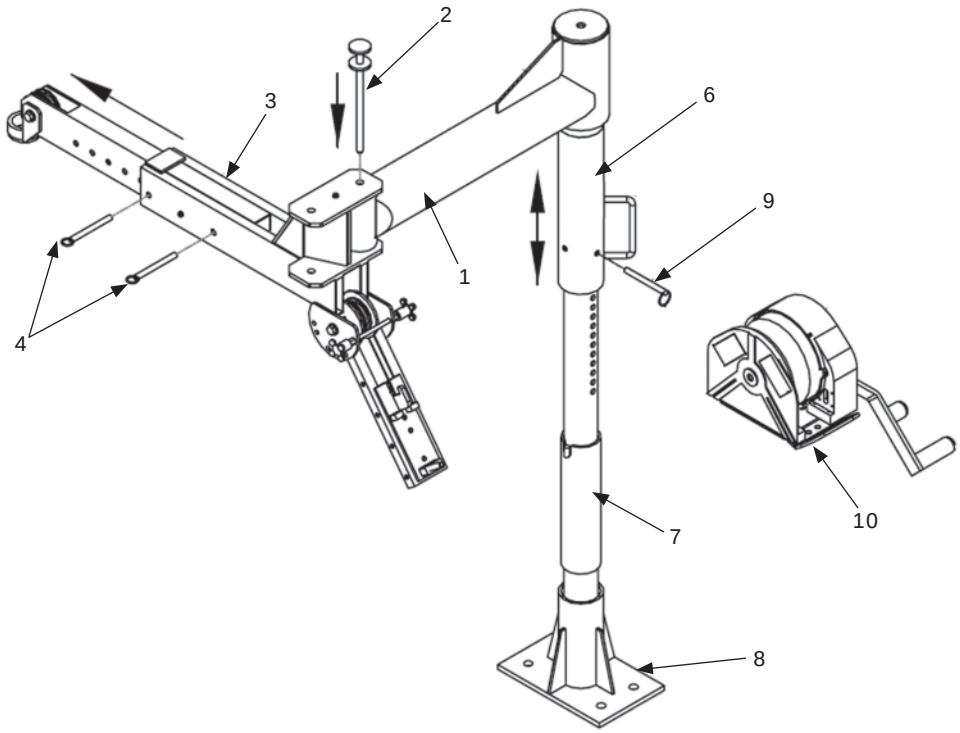
3.4 SET UP:

The DBI-SALA Side Entry System is designed for use with a variety of support posts and also external tank collars. Consult the appropriate section of this manual or separate manuals when setting up or installing any DBI-SALA post or collars.

Step 1: Before setting up for any work at heights, fall arrest, or confined space entry be sure that you have all equipment required to safely carry out the work to be performed, and to meet all applicable standards and regulations for your area.

Step 2: Set-up or locate the Side Entry System intended for use in the application according to the instructions in the applicable section of this manual. Ensure that the post and post base, or tank collar, is structurally sound and free of any corrosion or contamination which may affect the insertion of connecting pins or the structural integrity of the post, base or collar. Regulations governing Fall Protection, Confined-Space Entry/ Retrieval and Rescue Procedures vary with jurisdiction. It is the responsibility of the owner and/or user of this equipment to be aware of applicable regulations and ensure that equipment selected for each job complies with these requirements. Refer to the appropriate section of this or any other applicable manuals for specific information on the installation and use of the type of base you are using prior to using the system.

Figure 5 - Side Entry System Set Up Using a Support Post



3.4.1 SET UP USING A SUPPORT POST

Step 1: As shown in Figure 5, insert the Support Post (6, sold separately) into the Permanent Post Base (8, sold separately).

Step 2: Adjust the Support Post to the required working height (approximately) by installing the Support Post Positioning Pin (9) through the appropriate set of holes. The overall height of the support post should be approximately 8 inches (200 mm) above the top of the manway opening. If additional height is needed, a Mast Extension (7, sold separately) may be used.

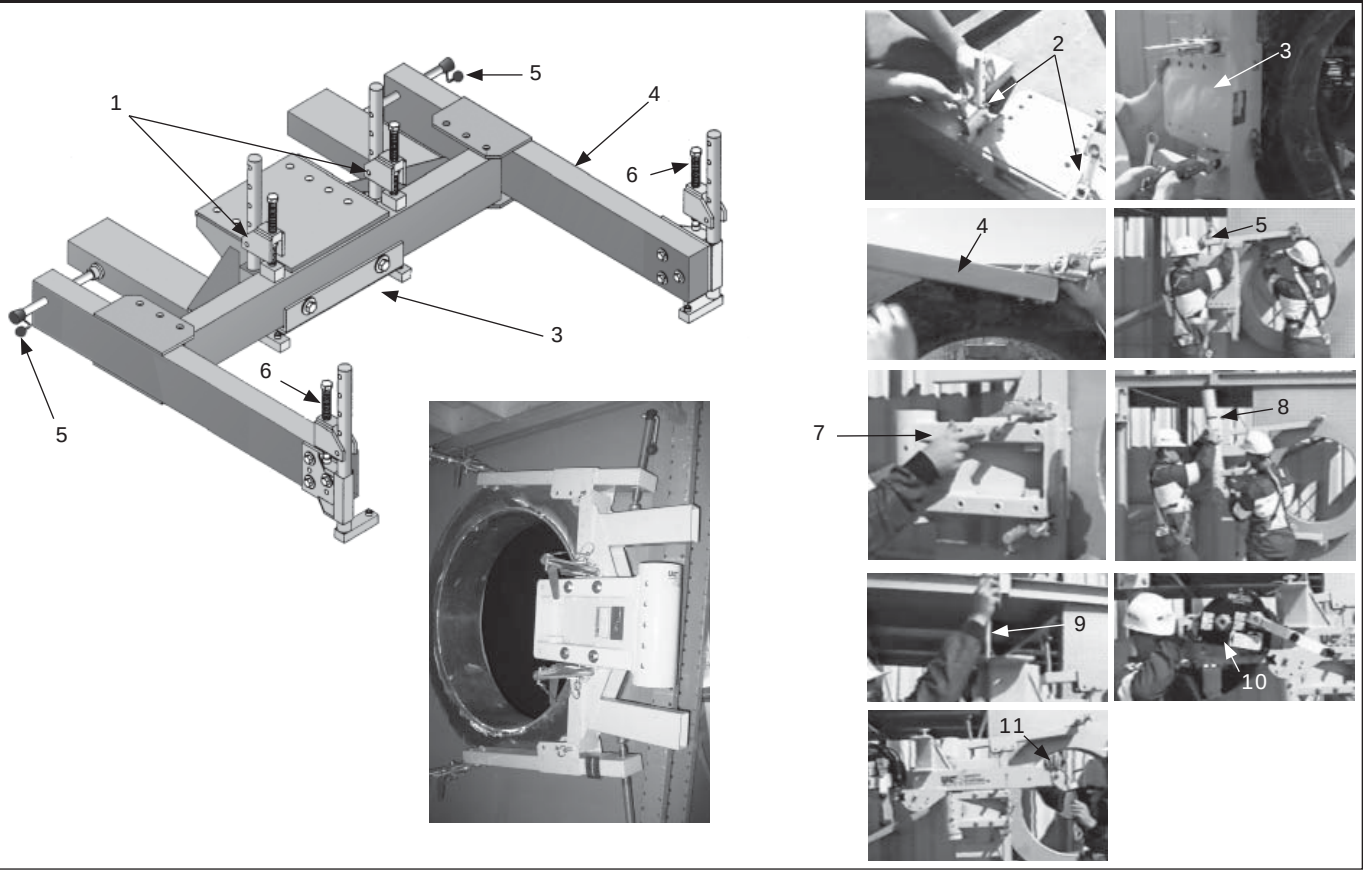
Step 3: Place the Primary Boom assembly (1) over the top of the Support Post (6).

Step 4: Remove the Elbow Pin (2) from the Secondary Boom assembly (3). Position the boom as shown in Figure 5 and replace the Elbow Pin (2). For winch installation (10, sold separately), see the winch installation section of this manual.

Step 5: Set the extension length of the Secondary Boom (3) to the position required for the work situation. Use the Secondary Boom Positioning Pins (4) to secure the boom extension position.

WARNING: *All mounting/set-up locations for permanent or portable systems must be approved to local standards by a qualified engineer and must comply with all mounting requirements and application restrictions as outlined on the applicable DBI-SALA Product Specification Sheet. Failure to follow this restriction may result in serious injury or death.*

Figure 6 - Advanced Side Entry Systems External Tank Collar



3.4.2 SET UP USING A TANK COLLAR

External Adjustable Tank Collar: The DBI-SALA Advanced Side Entry Systems External Tank Collar is designed to attach the Side Entry System to the flanges of manways. See Figure 6.

Step 1: Flange clamps, Figure 6 (1), are used to secure the center section to the manway. The clamp depth can be adjusted. Use the two locking pins (2) to secure the clamp depth.

Step 2: Place the center section (3) in position on the manway. Secure the two flange clamp tie-blocks with the supplied wrench.

Step 3: Center the section in manway using level indicators.

Step 4: The adjustment mount arms use the same clamping method. Raise the mount arm into position (4). Use the locking pin to secure the arm in the chosen position. Make certain the pin is fully inserted. The screw leg (5) can be tightened against the mount arm. The tie-block (6) can be secured with supplied wrench (15 ft-lbs). The same procedure is used to secure the second mount arm.

Step 5: Bolt the side entry system body (7) to the mounting collar. Secure the system body in the desired position using the four bolts provided. Move from left to right as the bolts are inserted and secured.

Step 6: Lower the side entry boom onto the boom post. Lower it down to the red indicator line on the boom post (8) which indicates the highest point of the offset boom. Secure the boom post in the correct height position using a 3/4 inch wrench.

Step 7: Pull the pin out of the arm. Line up the boom and replace the pin (9).

Step 8: Adjustments can be made to the winch mount bracket for alternative angles. Place the digital winch on the quick-plate and secure it with the pin (10).

Step 9: Release approximately five feet of cable (11). Pull the quick pins out to allow the cable to slide through the arm without obstruction and to make necessary adjustments. When replacing the quick pins, pull the cable tight to make certain that it does not catch on the pins.

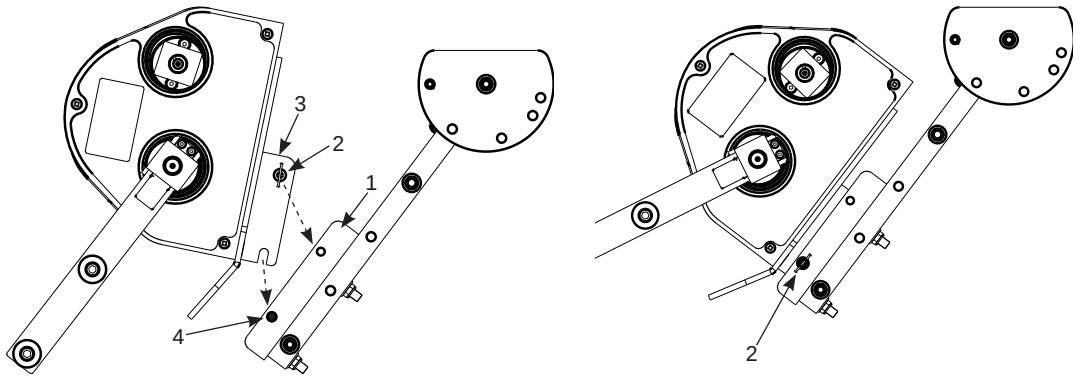
WARNING: *Read and follow manufacturer's instructions for associated equipment (i.e. full body harness, self retracting lifeline, etc.) used in your personal fall arrest system.*

3.4.3 WINCH INSTALLATION

The Side Entry System may be equipped with up to two Digital Series Winches with various rope, cable, drive ratio and capacity options. Applications involving Digital 200 and 300 winches, continuous feed rope winch and/or winches with 3/8 inch (9.5 mm) or larger cable or rope may involve special brackets or parts.

Winches may be used for various entry/retrieval, rescue, work positioning or fall protection functions. Consult product literature and specification sheets in selecting winches to meet individual functional and regulatory requirements.

Figure 7 - Single Winch Installation

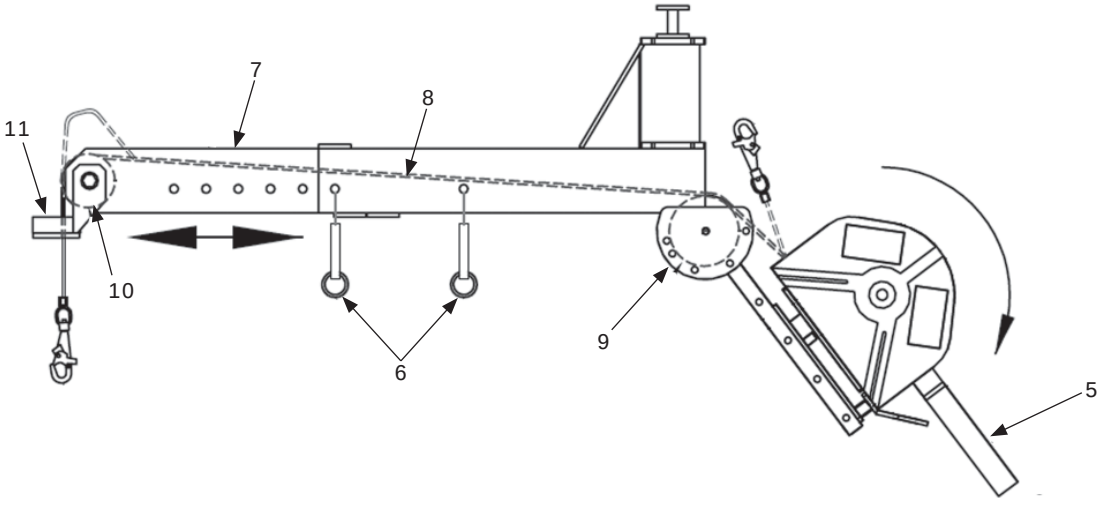


Single Winch Installation (DBI-SALA Digital Series Winches only):

Single winch applications for entry/retrieval, rescue and work positioning requirements will have the winch mounted to the structure using a flat quick mount plate (1) as shown in Figure 7.

Step 1: To install the winch, remove pin (2). Slip the hook on the winch arm plate (3) onto the pin on the quick mount plate (4). Align the holes on the two plates and replace pin (2).

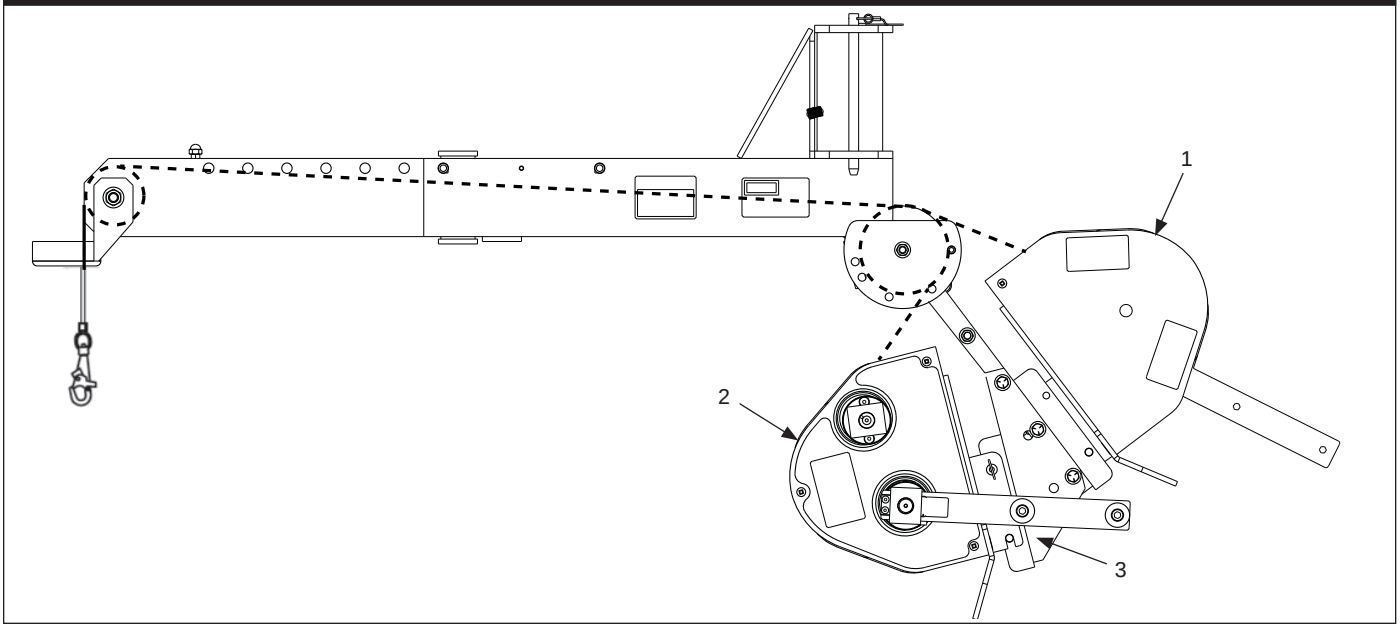
Figure 8 - Single Winch Installation



Step 2: Crank the winch handle (5) to extend approximately 6 ft (1.8 mm) of lifeline while maintaining tension on the lifeline at all times. Remove the two boom extension positioning pins (6). Collapse the secondary boom (7) assembly to its shortest length. Thread the lifeline (8) over one of the rear cable rollers (9). Push it through the center of the boom assembly.

Step 3: When the lifeline gets to the end of the boom, pull the snap hook out through the cable exit opening, over the front cable roller (10) on the same side of the boom as at the rear, and down through the cable guide eye (11).

Figure 9 - Dual Winch Installation



Dual Winch Installation (DBI-SALA Digital Series Winches only):

For applications involving 2 Digital Winches the winches are mounted to the system as shown in Figure 8.

Installation of the secondary winch is the same as in the single winch application. Extra care must be taken to ensure that the lifelines are not crossed over inside the secondary boom assembly.

Step 1: The first winch (1) is installed as previously shown in Figure 8.

Step 2: The second winch (2) is installed using the same procedure. This second winch set up, shown in Figure 9, requires the use of an additional bracket (3, sold separately) to correctly position the secondary lower winch for routing the lifeline.

3.5 RESCUE

The Side Entry System can be used in a rescue/retrieval situation so an injured worker can be moved to a safe environment.

The Side Entry System may be used as a fall arrest anchor point during a rescue scenario. Alternative anchor points for fall protection use should be identified and planned for use during a rescue scenario.

4.0 TRAINING

4.1 It is the responsibility of all users of this equipment to understand these instructions, and are trained in the correct installation, use, and maintenance of this equipment. These individuals must be aware of the consequences of improper installation or use of this equipment. This user manual is not a substitute for a comprehensive training program. Training must be provided on a periodic basis to ensure proficiency of the users.

IMPORTANT: *Training must be conducted without exposing the trainee to a fall hazard. Training should be repeated periodically.*

5.0 INSPECTION

5.1 FREQUENCY: Before each use visually inspect per steps listed in section 5.2 and 5.3.

> ***IMPORTANT:*** *If this equipment has been subjected to forces resulting from the arrest of a fall, it must be immediately removed from service and destroyed or returned to Capital Safety for possible repair. See Section 5.2.*

5.2 INSPECTION STEPS:

Step 1. Inspect the Side Entry System for physical damage. Look carefully for any signs of cracks, dents or deformities in the metal. Make certain components are not deformed in any way and that they move correctly.

Step 2. Inspect the Side Entry System for signs of excessive corrosion.

Step 3. Ensure the condition of the mounting surface will support the Side Entry System loads.

Step 4. If using a support post, ensure that the base is securely attached to the mounting surface.

Step 5. Inspect each system component or subsystem (i.e. self retracting lifeline, full body harness, etc.) per associated manufacturer's instructions.

Step 6. Record the inspection date and results on the inspection log. See section 10.0.

5.3 If inspection reveals a defective condition, remove unit from service immediately and destroy, or contact a factory authorized service center for repair.

> ***IMPORTANT:*** *Only DBI-SALA or parties authorized in writing may make repairs to this equipment.*

6.0 MAINTENANCE - SERVICING - STORAGE

6.1 Clean the Side Entry System with a mild soap detergent solution. Excessive build-up of dirt, tar, etc. may prevent the system from working properly. If you have any questions concerning the condition of your Side Entry System or have any doubt about putting it into service, contact Capital Safety immediately. Refer to manufacturer's instruction for maintenance, servicing, and storage procedures of subsystem components.

6.2 Additional maintenance and servicing procedures (i.e. replacement parts) must be completed by a factory authorized service center. Authorization must be in writing.

7.0 TERMINOLOGY

AUTHORIZED PERSON: A person assigned by the employer to perform duties at a location where the person will be exposed to a fall hazard (otherwise referred to as "user" for the purpose of these instructions).

RESCUER: Person or persons other than the rescue subject acting to perform an assisted rescue by operation of a rescue system.

CERTIFIED ANCHORAGE: An anchorage for fall arrest, positioning, restraint, or rescue systems that a qualified person certifies to be capable of supporting the potential fall forces that could be encountered during a fall or that meet the criteria for a certified anchorage prescribed in this standard.

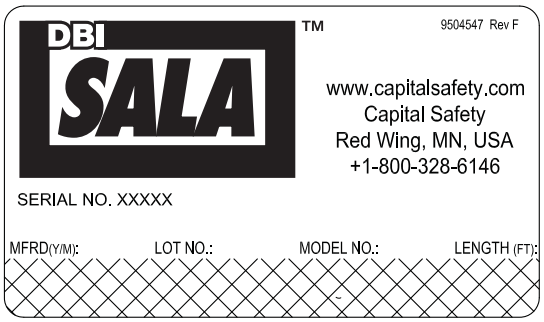
QUALIFIED PERSON: A person with a recognized degree or professional certificate and with extensive knowledge, training, and experience in the fall protection and rescue field who is capable of designing, analyzing, evaluating and specifying fall protection and rescue systems to the extent required by this standard.

COMPETENT PERSON: One who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

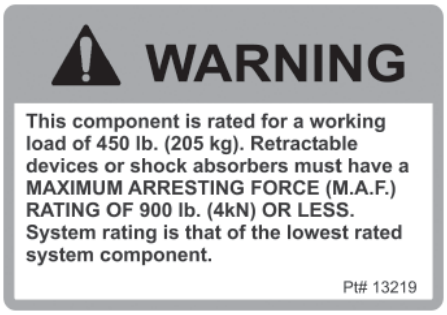
8.0 LABELING

8.1 These labels should be securely attached to the Side Entry System and fully legible:

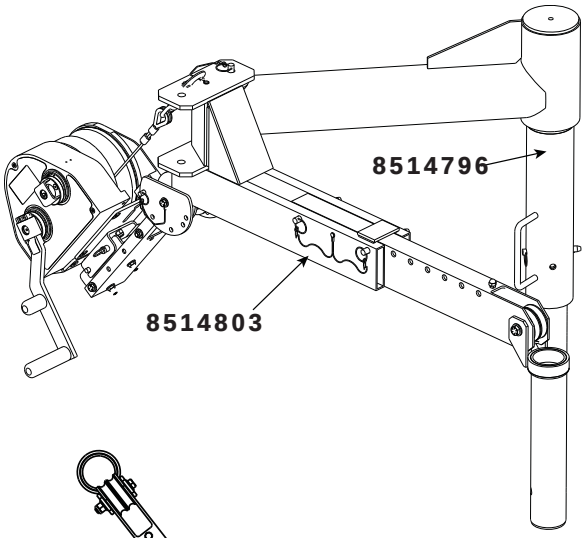
I. D. Label



Warning Label



9.0 SIDE ENTRY SYSTEM FEATURES AND SPECIFICATIONS

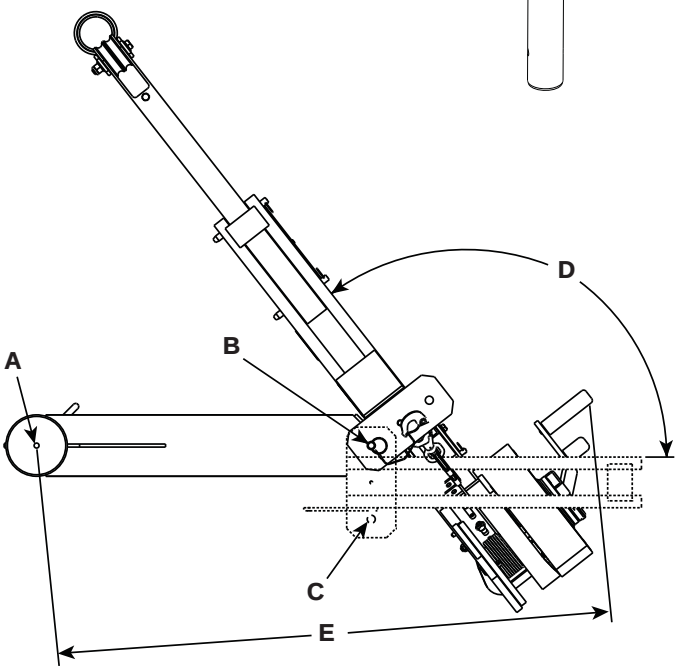


The DBI/SALA Side Entry System (**8514803 Arm Assembly** and **8514796 Support Post**) is designed for confined space entry/retrieval and rescue operations involving horizontal entries with vertical positioning or retrieval required inside the space.

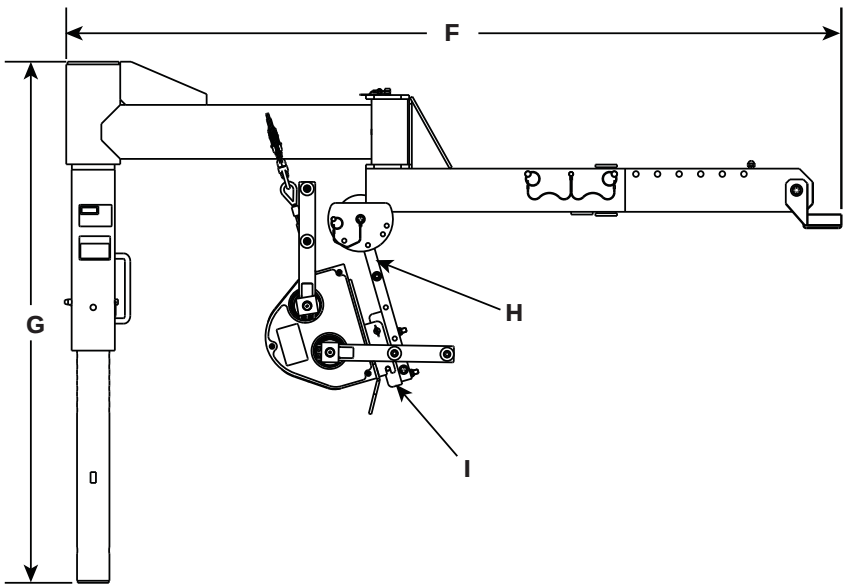
The Side Entry System can be used, with options, in permanent or portable mount work site configurations. The system's fully articulating boom is part of each configuration.

Permanent Mount: The system utilizes fixed base and extension post options to adapt to a wide variety of work site conditions.

Portable Mount Configuration: The system is used with an external adjustable tank collar (8511231, sold separately) for adaptation to different manways.



SYSTEM FEATURES *(Winch shown is sold separately.)*		
A	Main Pivot Point	System can rotate nearly 360° to the left from this point.
B	Left Pivot Point	Front arm can rotate 130° to the left from this point.
C	Right Pivot Point	Front arm can rotate nearly 130° to the right from this point.
D	Range of Motion	130.8°
E	Clearance Radius	45 in. (1.14 m) with system collapsed inward either direction.
F	Maximum Extension	71.77 in. (1.82 m)
G	Adjustable Height Range	38.25 to 53.25 in. (0.97 to 1.35 m) in 1 in. (25.4 mm) increments.
H	Bottom Bracket	Rotates, pinned in place. Positions winch to provide handle clearance.
I	Winch Mounting Bracket	Option (8530260) used to mount winch below bottom bracket (H). Allows use of SRL or second winch.



SYSTEM SPECIFICATIONS	
Materials	Welded aluminum, powder coated, 6061-T6, 5052-H32 aluminum.
Hardware	Grade 5/Grade 8 steel, zinc plated.
Capacity	The maximum working load is 450 lbs. (204 kg). **Proof Load, Entry/Retrieval Mode:** 1,800 lbs. (8 KN).
Weight	66 lbs. (30 kg)

APPLICATION RESTRICTIONS
Mounting surfaces must be capable of supporting a minimum of 130,000 inch lbs (14,688 N·m) moment, 1,800 lb (8 kN) vertical load.
The Side Entry System is designed for use with accessories manufactured or approved by Capital Safety only.
All installations must be approved to local standards by a qualified engineer.

10.0 INSPECTION AND MAINTENANCE LOG

SERIAL NUMBER:	
MODEL NUMBER:	
DATE PURCHASED:	**DATE OF FIRST USE:**

INSPECTION DATE	**INSPECTION ITEMS NOTED**	**CORRECTIVE ACTION**	**MAINTENANCE PERFORMED**
Approved By:			
Approved By:			
Approved By:			
Approved By:			
Approved By:			
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Approved By:			
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Approved By:			
Approved By:			

INSPECTION AND MAINTENANCE LOG

INSPECTION DATE	**INSPECTION ITEMS NOTED**	**CORRECTIVE ACTION**	**MAINTENANCE PERFORMED**
Approved By:			
Approved By:			
Approved By:			
Approved By:			
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Approved By:			
Approved By:			

LIMITED LIFETIME WARRANTY

Warranty to End User: D B Industries, Inc., dba CAPITAL SAFETY USA ("CAPITAL SAFETY") warrants to the original end user ("End User") that its products are free from defects in materials and workmanship under normal use and service. This warranty extends for the lifetime of the product from the date the product is purchased by the End User, in new and unused condition, from a CAPITAL SAFETY authorized distributor. CAPITAL SAFETY'S entire liability to End User and End User's exclusive remedy under this warranty is limited to the repair or replacement in kind of any defective product within its lifetime (as CAPITAL SAFETY in its sole discretion determines and deems appropriate). No oral or written information or advice given by CAPITAL SAFETY, its distributors, directors, officers, agents or employees shall create any different or additional warranties or in any way increase the scope of this warranty. CAPITAL SAFETY will not accept liability for defects that are the result of product abuse, misuse, alteration or modification, or for defects that are due to a failure to install, maintain, or use the product in accordance with the manufacturer's instructions.

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