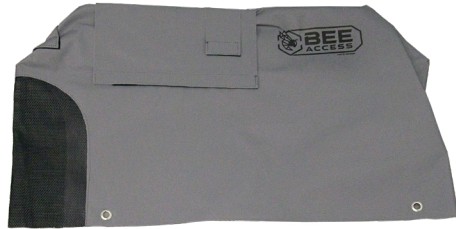


PLATFORM WELDING KIT

OPERATOR'S MANUAL

Ground Conducting Clamp



Optional Hoist Covers



Insulated Thimble



Wire Rope Insulating Tube



DESCRIPTION

Welding on suspended platforms creates unique electrical hazards that are resolved by our Platform Welding Kit. The grounding clamp, wire rope tubes, insulated thimble and canvas cover allow for proper platform grounding plus insulation and protection of wire rope and hoist. All kits comply with OSHA standard 1910.451(f)(17) pertaining to welding on platforms as explained on the last page of this manual.

SPECIFICATIONS

Platform welding kits include (Part #: 934200)

- 2 - Insulated Thimbles for suspension wire ropes
- 2 - Insulated Thimble Adapter Assy. for tiebacks
- 4 - Wire rope Insulating Tubes
- 1 - Grounding Conductor Clamp
- Optional: Hoist Covers for BISOMAC 210 or 308

Workcage welding kits include (Part #: 934200W)

- 2 - Insulated Thimble for suspension wire rope
- 1 - Insulated Thimble Adapter Assy. for tieback
- 2 - Wire rope Insulating Tubes
- 1 - Grounding Conductor Clamp
- Optional: Hoist Covers for BISOMAC 210 or 308



⚠ GENERAL WARNING – READ FIRST ⚠

**Safety is a matter of life or death for riggers, operators and by-standers.
This warning is your share of duties for achieving safety.**

Your duty to understand and comply:

1. It is imperative for safety and efficiency of operations that this manual be read and fully understood by the rigger and the operator before rigging and using this equipment. All instructions contained herein must be carefully and strictly followed, including applicable Bee Access guidelines.
2. Should you hand over this equipment under any conditions, to any party operating out of your control, you must attach a clean copy of this manual and draw to other party's attention that strictly following all the instructions therein is a matter of life or death.
3. Before using this equipment, the rigger and the operator must become aware of all requirements of federal, state, provincial and local safety regulations, applicable to the entire suspended scaffold system and any component of it.
4. Never load this equipment above its rated load capacity.
5. Bee Access declines any responsibility for any special layouts, rigging or structural combinations beyond the descriptions of this manual.
6. Bee Access declines any responsibility for any other use of this equipment, than described in this manual.

Your duty to inspect and maintain:

7. Keep this manual available at all times for easy reference whenever required. Extra copies are available from Bee Access and/or your equipment supplier.
8. Carefully take notice of all labels affixed to the equipment. Never rig or operate this equipment if any label, normally fixed on it is obscured or missing. Replacement labels are available from Bee Access and/or your equipment supplier.
9. Every time the suspended scaffold is to be rigged or used, check that the Tieback Anchor, rigging, hoists, platform and other components are complete and in good working condition, prior to proceeding. All wire ropes and safety lines and their protective sleeves should be inspected at the beginning of every shift. Check for wear and abrasion due to contact with rigging equipment and/or the building structure.
10. **Daily inspection before use is to be carried out by a competent person.** Thoroughly check overall condition for bent, damaged or worn parts and broken welds. A signed and dated inspection record should be maintained for these purposes.
11. Make sure to comply with inspection and maintenance guidelines of all other components used in the suspended scaffold system.
12. Bee Access declines any responsibility for consequences of repairs or modifications brought out of its control to the product, specifically by replacement of original parts or repairs by another manufacturer.

Your duty to train and control people:

Compliance with safety rules extends to rigging operations which must be carried out only after securing safe conditions of operation as per safety regulations and requirements.

13. An operator must not be assigned to rigging, de-rigging, moving or operating a suspended scaffold if that person is not:
 - a. Mentally and physically fit for the purpose, especially at heights
 - b. Competent for the job to be performed
 - c. Familiar with the scaffold equipment as rigged
 - d. Professionally trained for working under the above requirements
14. Never let the equipment be moved or operated by unauthorized personnel. Keep the equipment, either rigged or unrigged, out of reach of unauthorized persons, while out of operation.
15. Every suspended job must be placed under the control of a person having the required competence and authority for checking that all the instructions prescribed by this manual be regularly and efficiently carried out.

Your duty to safety of the entire scaffold system:

A suspended scaffold system is made up of numerous pieces of equipment; all of these components can contribute to the required safety only if:

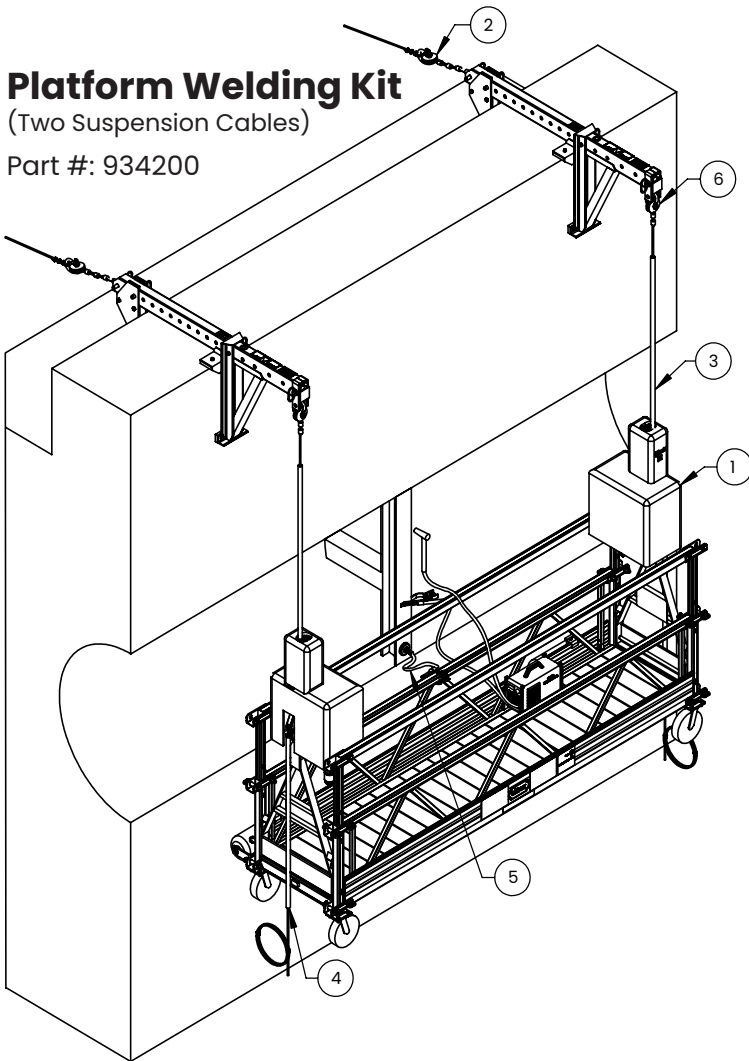
16. Other components meet the requirements of the applicable safety regulations and requirements, are of the proper quality, assembled to form a safe and efficient suspended system and compatibility is approved by Bee Access.
17. The supporting structure and tie-backs can withstand every load to be applied, either static or dynamic, during rigging or operating of the suspended scaffold equipment.
18. All the requirements in strength and resistance are obtained with the necessary safety coefficients (call your supplier for regulations and professional standards).
19. All the calculations, design and subsequent work necessary to meet the above requirements have been made by a competent person on the basis of proper technical information regarding the site.

NOTE: This manual is neither a regulations compliance manual nor a general training guide on suspended scaffold operations. You must refer to proper instructions delivered by your supplier of the other pieces of equipment included in your suspended scaffold installation. Whenever calculations and specific rigging and handling are involved, the operator should be professionally trained to that end and secure relevant information prior to commencing such work.

Read and comply with the “Code of Safe Practices for Suspended Powered Scaffolds” issued by the Scaffold Industry Association (also available from Bee Access or your supplier).

PLATFORM WELDING KIT

PARTS LIST & INSTALLATION DIAGRAM



Item	Qty.	Description
1	2	BISOMAC Hoist Covers (210 & 308 Models)
2	2	Insulated Thimble Assembly (Tieback)
3	2	Wire Rope Insulating Tube Above Hoist Assembly
4	2	Wire Rope Insulating Tube Below Hoist Assembly
5	1	Grounding Conductor Clamp Assembly
6	2	Insulated Thimble

Platform Welding Kits Available
 934200 - Platform Welding Kit w/ BISOMAC 210 Covers
 934201 - Platform Welding Kit w/o Hoist Cover
 934203 - Platform Welding Kit w/ BISOMAC 308 Covers
 836120 - Welding Grounding Conductor Clamp

- NOTE:**
- All pictures and drawings in this manual are for illustrative purposes only.
 - This manual is intended for general information only. Because of the many variables which affect the performance of this equipment, some of the information in this manual may not apply. For specific applications, contact Bee Access.
 - Erection, use, maintenance, and disassembly must conform to current Bee Access instructions as well as ALL federal, state, provincial, and local regulations.

⚠ WARNING

Any use of this equipment other than in strict accordance with these instructions shall be at the Operator's risk and may result in death or serious injury.

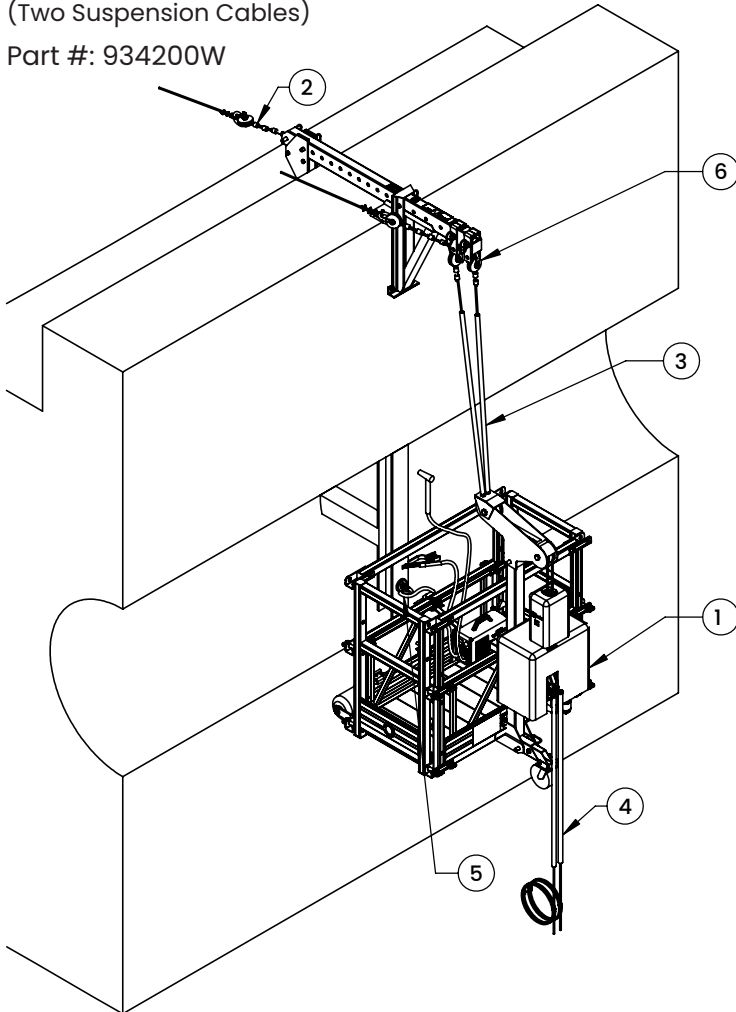
PLATFORM WELDING KIT

PARTS LIST & INSTALLATION DIAGRAM

Workcage Welding Kit

(Two Suspension Cables)

Part #: 934200W



Item	Qty.	Description
1	1	BISOMAC Hoist Covers (210 & 308 Models)
2	2	Insulated Thimble Assembly (Tieback)
3	2	Wire Rope Insulating Tube Above Hoist Assembly
4	2	Wire Rope Insulating Tube Below Hoist Assembly
5	1	Grounding Conductor Clamp Assembly
6	2	Insulated Thimble

Workcage Welding Kits Available

- 934200W - Workcage Welding Kit w/ BISOMAC 210 Covers
- 934201W - Workcage Welding Kit w/o Hoist Cover
- 934203W - Workcage Welding Kit w/ BISOMAC 308 Covers
- 836120 - Welding Grounding Conductor Clamp

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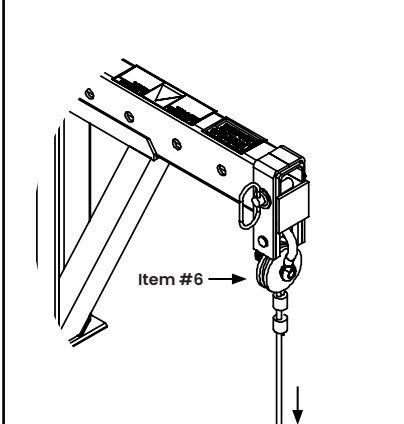
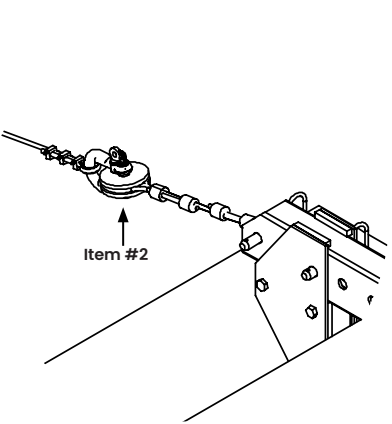
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PLATFORM WELDING KIT

INSTALLATION INSTRUCTIONS

STEP 1 | **STEP 2 & 3**



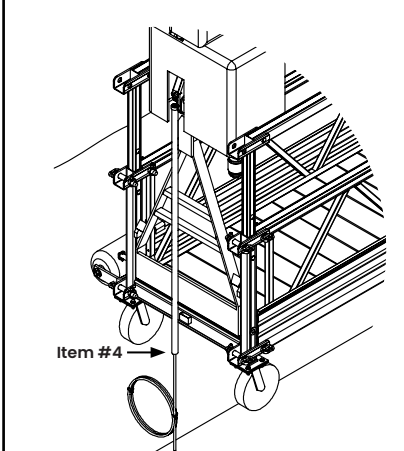
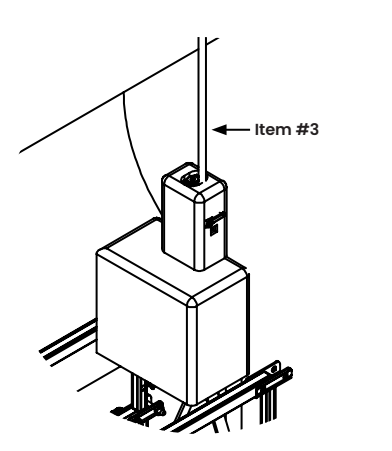
NOTE:

Assembly and operation must be performed or supervised by a trained and competent person. Read and fully understand these instructions before proceeding with installation. Make sure warning/rating labels are in place, legible and have been read.

Installation Instructions:

Installation of the Platform Welding Kit must be done during the assembly of the rigging and platform equipment. If the platform and rigging is already installed, you must lower the platform and detach suspension wire ropes and tieback cables to install the Platform Welding Kit components safely.

STEP 4 | **STEP 5**



1. Install the Tieback Insulated Thimble Assemblies (Item #2) between the tieback cable and the rigging equipment that the platform will be suspended from. Secure the tieback cables to a tieback anchor or suitable tieback anchorage.
2. Install the other Insulated Thimble assemblies (Item #6) on shackles rated for 5000 lbs and attach the shackles to the rigging suspension points. Make sure that the shackle bolts are tightened securely and are locked in place.
3. Attach the wire rope suspension cables from the Insulated Thimble and lower them to the hoists on the platform.
4. Once the wire rope suspension cables are lowered to the platform, install the Insulating Tubes for Above the Hoist (Item #3) on the wire ropes before reeving the wire rope through the hoist.
5. Reeve the wire rope suspension cables through the hoist and then install the Insulating Tubes for Below the Hoist (Item #4). Secure them in place so that the lower ends hang below the bottom of the platform allowing the wire rope to exit without making contact with the platform.

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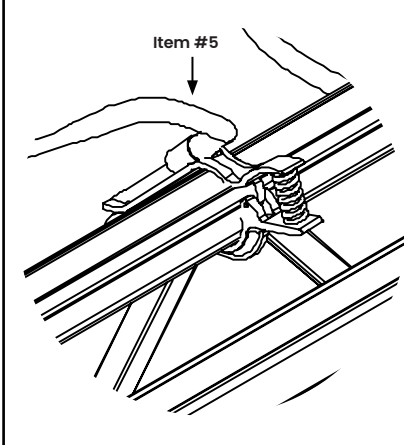
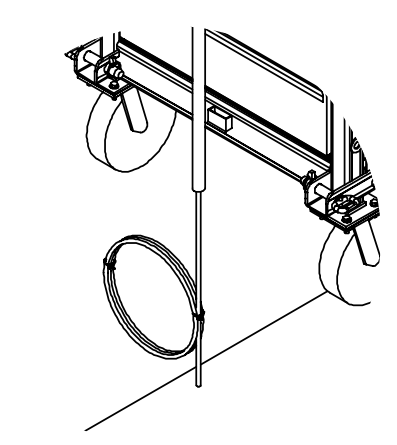
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PLATFORM WELDING KIT

INSTALLATION INSTRUCTIONS (continued)

STEP 6 & 7 | **STEP 8**



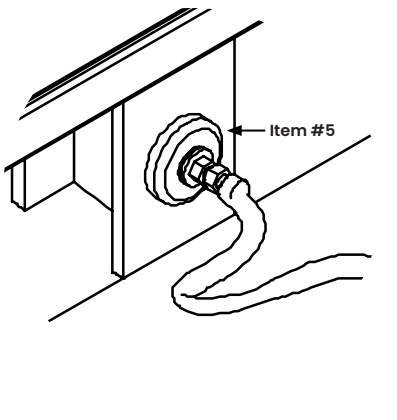
NOTE:

Assembly and operation must be performed or supervised by a trained and competent person. Read and fully understand these instructions before proceeding with installation. Make sure warning/rating labels are in place, legible and have been read.

Installation Instructions:

6. Raise the platform off the ground and coil the end of the wire rope suspension cable to ensure that it can not make contact with the ground, platform or structure and rotates freely.
7. Raise the platform to the working location where welding will occur. Check that the wire ropes travel freely through the Insulating Tubes above and below the hoist and do not make contact with the ground or the structure.
8. Attach the Grounding Conductor Clamp Assembly (Item #5) to the platform using the clamp end.
9. Attach the magent end of the Grounding Conductor Clamp Assembly (Item #5) to a grounded part of the structure that is being welded.
10. Ensure that the Grounding Conductor Clamp Assembly remains connected to the platform and the structure at all times while welding and is only removed after the welder has been de-energized (turned off).

STEP 9 & 10



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PLATFORM WELDING KIT

WHEN WELDING FROM SUSPENDED SCAFFOLDING, ALWAYS READ, UNDERSTAND & COMPLY WITH OSHA STANDARD 1926.451(f)(17) (See below for a breakdown of the standard)

