

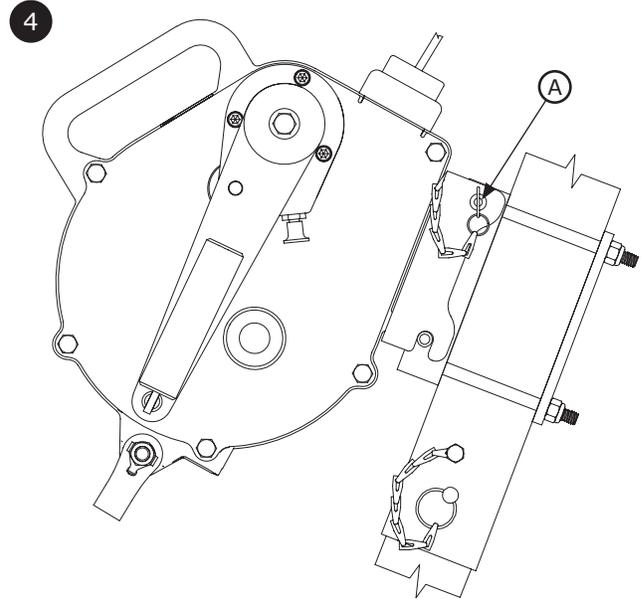
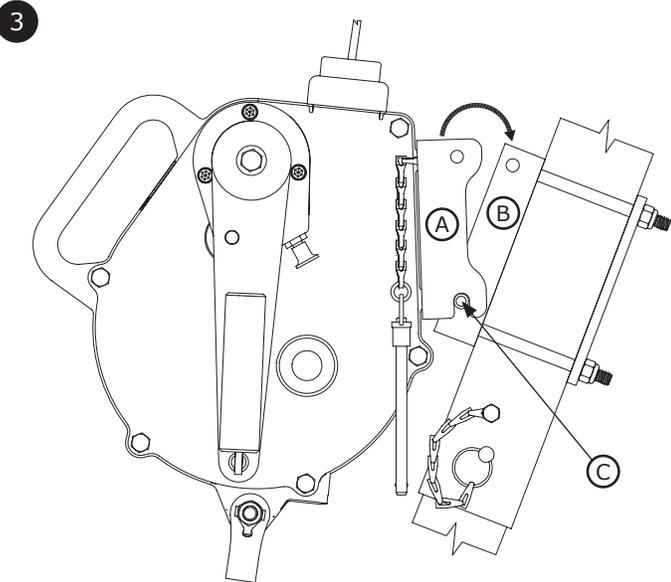
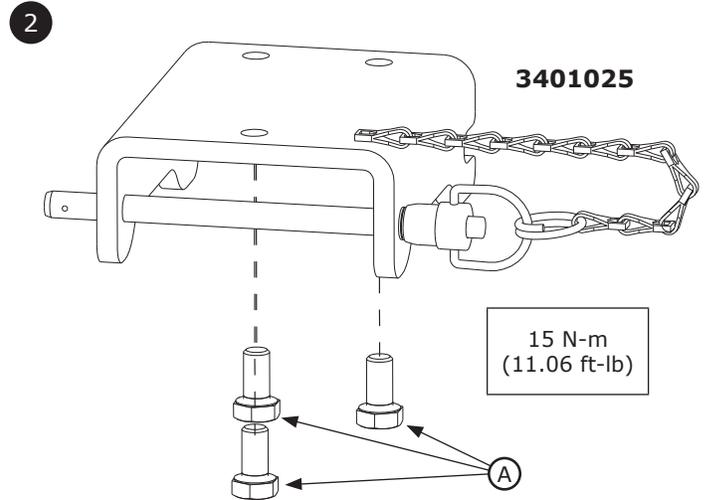
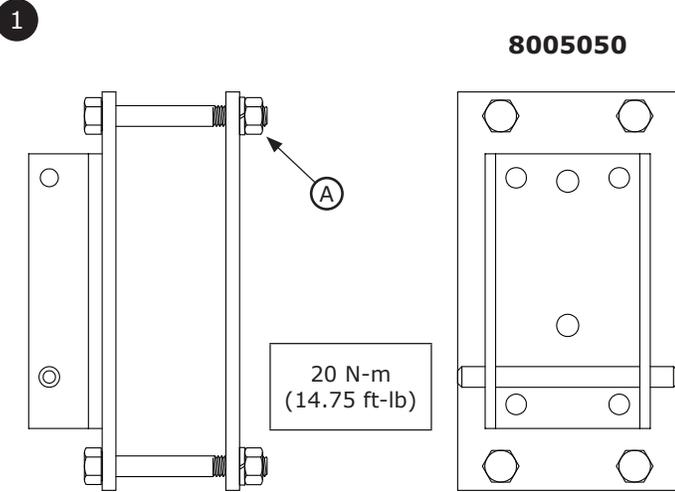


Fall Protection

**3M™ PROTECTA®
MOUNT AND BRACKET**

**USER INSTRUCTIONS
5903267 Rev. C**

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SAFETY INFORMATION

Please read, understand, and follow all safety information contained in these instructions prior to the use of this Confined Space Entry/Rescue Device. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

These instructions must be provided to the user of this equipment. Retain these instructions for future reference.

Intended Use:

This Confined Space Entry/Rescue Device is intended for use as part of a complete personal fall protection or rescue system.

Use in any other application including, but not limited to, non-approved material handling applications, recreational or sports related activities, or other activities not described in the User Instructions or Installation Instructions is not approved by 3M and could result in serious injury or death.

This device is only to be used by trained users in workplace applications.

WARNING

This Confined Space Entry/Rescue Device is part of a personal fall protection or rescue system. It is expected that all users be fully trained in the safe installation and operation of the complete system. **Misuse of this device could result in serious injury or death.** For proper selection, operation, installation, maintenance, and service, refer to all Product Instructions and all manufacturer recommendations, see your supervisor, or contact 3M Technical Service.

- **To reduce the risks associated with working with a Confined Space Entry/Rescue Device which, if not avoided, could result in serious injury or death:**
 - Inspect the device before each use, at least annually, and after any fall event. Inspect in accordance with the User Instructions.
 - If inspection reveals an unsafe or defective condition, remove the device from service and repair or replace according to the User Instructions.
 - Any device that has been subject to fall arrest or impact force must be immediately removed from service. Refer to the User Instructions or contact 3M Fall Protection.
 - The device must only be installed in the manner detailed in the Installation Instructions or User Instructions. Installations and use outside the scope of the instruction must be approved in writing by 3M Fall Protection.
 - The substrate or structure to which the device is attached must be able to sustain the static loads specified for the device in the orientations permitted in the User Instructions or Installation Instructions.
 - Do not exceed the number of allowable users.
 - Never work below a suspended load or worker.
 - Use caution when installing, using, and moving the device as moving parts may create potential pinch points. Refer to the User Instructions.
 - Ensure proper lockout/tagout procedures have been followed as applicable.
 - Never attach to a system until it is positioned, fully assembled, adjusted, and installed. Do not adjust the system while a user is attached.
 - Only connect fall protection subsystems to the designated anchorage connection point on the device.
 - Prior to drilling or fastening, ensure no electric lines, gas lines, or other critical embedded systems will be contacted by the drill or the device.
 - Ensure that fall protection systems/subsystems assembled from components made by different manufacturers are compatible and meet the requirements of applicable standards, including the ANSI Z359 or other applicable fall protection codes, standards, or requirements. Always consult a Competent or Qualified Person before using these systems.

- **To reduce the risks associated with working at height which, if not avoided, could result in serious injury or death:**
 - Ensure your health and physical condition allow you to safely withstand all of the forces associated with working at height. Consult with your doctor if you have any questions regarding your ability to use this equipment.
 - Never exceed allowable capacity of your fall protection equipment.
 - Never exceed maximum free fall distance of your fall protection equipment.
 - Do not use any fall protection equipment that fails pre-use or other scheduled inspections, or if you have concerns about the use or suitability of the equipment for your application. Contact 3M Technical Services with any questions.
 - Some subsystem and component combinations may interfere with the operation of this equipment. Only use compatible connections. Consult 3M prior to using this equipment in combination with components or subsystems other than those described in the User Instructions.
 - Use extra precautions when working around moving machinery (e.g. top drive of oil rigs) electrical hazards, extreme temperatures, chemical hazards, explosive or toxic gases, sharp edges, or below overhead materials that could fall onto you or the fall protection equipment.
 - Use Arc Flash or Hot Works devices when working in high heat environments.
 - Avoid surfaces and objects that can damage the user or equipment.
 - Ensure there is adequate fall clearance when working at height.
 - Never modify or alter your fall protection equipment. Only 3M or parties authorized in writing by 3M may make repairs to the equipment.
 - Prior to use of fall protection equipment, ensure a rescue plan is in place which allows for prompt rescue if a fall incident occurs.
 - If a fall incident occurs, immediately seek medical attention for the worker who has fallen.
 - Do not use a body belt for fall arrest applications. Use only a Full Body Harness.
 - Minimize swing falls by working as directly below the anchorage point as possible.
 - If training with this device, a secondary fall protection system must be utilized in a manner that does not expose the trainee to an unintended fall hazard.
 - Always wear appropriate personal protective equipment when installing, using, or inspecting the device/system.

Prior to installation and use of this equipment, record the product identification information from the ID label in the "Inspection and Maintenance Log" at the back of this manual.

Always ensure you are using the latest revision of your 3M instruction manual. Visit the 3M website or contact 3M Technical Services for updated instruction manuals.

Table 1 – Specifications

System Specifications:

Capacity:	The capacity of the Mount and Bracket is limited by the Self-Retracting Device (SRD) it is paired with. For more information, refer to the manufacturer instructions of your SRD.	
Mounting Compatibility:	The components of the Mount and Bracket are used in conjunction with one another, but each component is compatible with different products. The SRD Mounting Base is secured to Protecta tripods. The SRD Bracket is attached to Sealed-Blok SRDs with Retrieval.	
	Compatibility	
	SRD Mounting Base (8005050)	3M Protecta Tripods
	SRD Bracket (3401025)	3M DBI-SALA Sealed-Blok SRDs with Retrieval (SRD-R)

Component Specifications:

Component	Material
3M Protecta SRD Mounting Base (8505050)	Zinc-plated steel
3M DBI-SALA SRD Bracket (3401025)	Stainless steel

1.0 PRODUCT APPLICATION

- 1.1 PURPOSE:** The Mount and Bracket is used to secure 3M Self-Retracting Devices (SRDs) to tripods. The SRD Mounting Base (8505050) is secured to the tripod and the SRD Bracket (3401025) is secured to the SRD. Once connected, the Mount and Bracket enables use of the SRD with the tripod in Fall Arrest, Rescue, or Work Positioning applications. See the manufacturer instructions of your connecting subsystem and tripod for more information on system applications.
- 1.2 STANDARDS:** This product conforms to the national or regional standards identified on the front cover of these instructions. If this product is resold outside the original country of destination, the re-seller must provide these instructions in the language of the country in which the product will be used.
- 1.3 SUPERVISION:** Use of this equipment with an SRD must be supervised by a Competent Person¹.
- 1.3 TRAINING:** This equipment must be installed and used by persons trained in its correct application. This manual is to be used as part of an employee training program as required by national, regional, or local standards. It is the responsibility of the users and installers of this equipment to ensure they are familiar with these instructions, trained in the correct care and use of this equipment, and are aware of the operating characteristics, application limitations, and consequences of improper use of this equipment.
- 1.4 RESCUE PLAN:** When using this equipment and connecting subsystems, the employer must have a rescue plan and the means at hand to implement and communicate that plan to users², authorized persons³, and rescuers⁴. A trained, on-site rescue team is recommended. Team members should be provided with the equipment and techniques to perform a successful rescue. Training should be provided on a periodic basis to ensure rescuer proficiency.
- 1.5 AFTER A FALL:** If the product is subjected to fall arrest or impact force, remove the product from service immediately. Clearly tag the product "DO NOT USE". See Section 5 for more information.

2.0 SYSTEM REQUIREMENTS

- 2.1 MOUNTING COMPATIBILITY:** The Mount and Bracket may be used with those 3M SRDs and tripods listed in Table 1. Use with any other SRD or tripod model is not approved.
- 2.2 ENVIRONMENTAL HAZARDS:** Use of this equipment in areas with environmental hazards may require additional precautions to prevent injury to the user or damage to the equipment. Hazards may include, but are not limited to: high heat, chemicals, corrosive environments, high voltage power lines, explosive or toxic gases, moving machinery, sharp edges, or overhead materials that may fall and contact the user or equipment. Contact 3M Technical Services for further clarification.
- 2.3 SHARP EDGES:** Avoid using this equipment where system components will be in contact with, or scrape against, sharp edges and abrasive surfaces. All sharp edges and abrasive surfaces must be covered with protective material when contact is unavoidable.

1 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.
2 User: A person who performs activities while protected by a Fall Protection system.
3 Authorized Person: A person assigned by the employer to perform duties at a location where the person will be exposed to a fall hazard.
4 Rescuer: A person using the Rescue system to perform an assisted rescue.

2.4 COMPONENT COMPATIBILITY: 3M equipment is designed for use with 3M-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.

3.0 INSTALLATION

3.1 PLANNING: Plan your Fall Protection system prior to installation of the Mount and Bracket. Account for all factors that may affect your safety before, during, and after a fall. Consider all requirements, limitations, and specifications defined in these instructions.

3.2 INSTALLING THE MOUNT AND BRACKET: The Mount and Bracket may be used with those 3M SRD and tripod models listed in Table 1. The Mount and Bracket consists of two separate components that are secured between the SRD and the tripod. See Figure 1 for reference. To install the Mount and Bracket:

1. Secure the SRD Mounting Base to the tripod. See the manufacturer instructions of your tripod for more information. Torque the Fasteners (A) securing the Mounting Base to the tripod to 20 N-m (14.75 ft-lb).
2. Secure the SRD Bracket to the SRD. See the manufacturer instructions of your SRD for more information. Torque the Fasteners (A) securing the Bracket to the SRD to 15 N-m (11.06 ft-lb).

Blue Loc-Tite should be applied to the fasteners of the SRD Bracket (3401025) when assembling the Bracket.

3. After installing the SRD Mounting Base and SRD Bracket, connect the SRD to the tripod using the Mount and Bracket. Place the hooks of the SRD Bracket (A) on the Mounting Pin (C) of the SRD Mounting Base (B).
4. Ensure that the SRD Bracket is mounted firmly against the SRD Mounting Base. Thread the Locking Pin (A) of the pin and chain assembly of the Bracket through the aligned holes of the Mount and Bracket to secure the system.

4.0 USE

4.1 BEFORE EACH USE: Verify that your work area and Fall Protection system meet all criteria defined in these instructions. Verify that a formal Rescue Plan is in place. Inspect the product per the 'User' inspection points defined in the "*Inspection and Maintenance Log*". If inspection reveals an unsafe or defective condition, or if there is any doubt about its condition for safe use, remove the product from service immediately. Clearly tag it "DO NOT USE". See Section 5 for more information.

5.0 INSPECTION

After equipment has been removed from service, it may not be returned to service until a Competent Person confirms in writing that it is acceptable to do so.

5.1 INSPECTION FREQUENCY: The product shall be inspected by the user before each use and, additionally, by a Competent Person other than the user at intervals of no longer than one year. A higher frequency of equipment use and harsher conditions may require increasing the frequency of Competent Person inspections. The frequency of these inspections should be determined by the Competent Person per the specific conditions of the worksite.

5.2 INSPECTION PROCEDURES: Inspect this product per the procedures listed in the "*Inspection and Maintenance Log*". Documentation of each inspection should be maintained by the owner of this equipment. An inspection and maintenance log should be placed near the product or be otherwise easily accessible to users. It is recommended that the product is marked with the date of next or last inspection.

5.3 DEFECTS: If the product cannot be returned to service because of an existing defect or unsafe condition, then the product must be destroyed.

5.4 PRODUCT LIFE: The functional life of the product is determined by work conditions and maintenance. As long as the product passes inspection criteria, it may remain in service.

6.0 MAINTENANCE, SERVICE, and STORAGE

Equipment that is in need of maintenance or scheduled for maintenance should be tagged "DO NOT USE". These equipment tags should not be removed until maintenance is performed.

6.1 CLEANING: Periodically clean the metal components of the Mount and Bracket with a soft brush, warm water, and a mild soap solution. Ensure parts are thoroughly rinsed with clean water. Spot-clean the webbing with water and a mild soap solution.

6.2 SERVICE: The Mount and Bracket is non-repairable. After the Mount and Bracket has been permanently removed from service, it must be destroyed.

GLOBAL PRODUCT WARRANTY, LIMITED REMEDY AND LIMITATION OF LIABILITY

WARRANTY: THE FOLLOWING IS MADE IN LIEU OF ALL WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Unless otherwise provided by local laws, 3M fall protection products are warranted against factory defects in workmanship and materials for a period of one year from the date of installation or first use by the original owner.

LIMITED REMEDY: Upon written notice to 3M, 3M will repair or replace any product determined by 3M to have a factory defect in workmanship or materials. 3M reserves the right to require product be returned to its facility for evaluation of warranty claims. This warranty does not cover product damage due to wear, abuse, misuse, damage in transit, failure to maintain the product or other damage beyond 3M's control. 3M will be the sole judge of product condition and warranty options.

This warranty applies only to the original purchaser and is the only warranty applicable to 3M's fall protection products. Please contact 3M's customer service department in your region for assistance.

LIMITATION OF LIABILITY: TO THE EXTENT PERMITTED BY LOCAL LAWS, 3M IS NOT LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO LOSS OF PROFITS, IN ANY WAY RELATED TO THE PRODUCTS REGARDLESS OF THE LEGAL THEORY ASSERTED.



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EU DECLARATION OF CONFORMITY:
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