



Fall Protection

OSHA 1926.502

OSHA 1910.140

STRUT ANCHOR

Anchorage Connector

INSTRUCTION MANUAL

5908281 REV. A

1

2104709

A

0.86 in.
(2.18 cm)

B

1.63 in.
(4.14 cm)

C

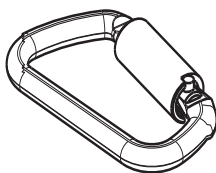
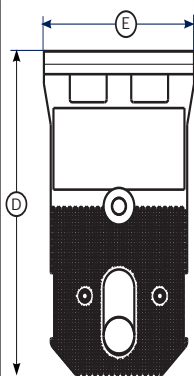
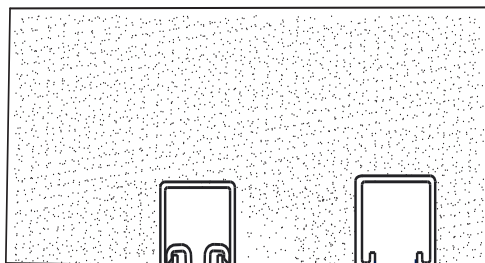
1.25 in - 1.4 in
(3.18 cm - 3.57 cm)

D

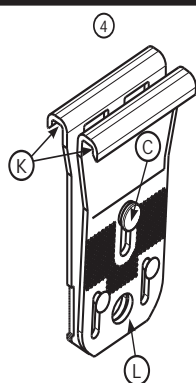
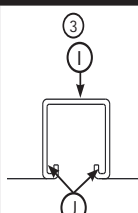
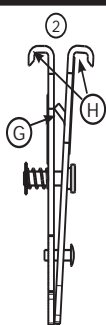
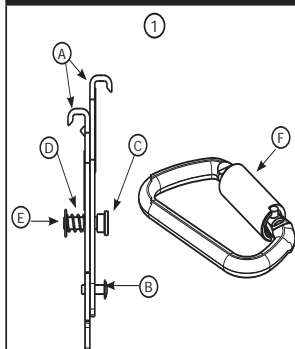
5.0 in.
(12.7 cm)

E

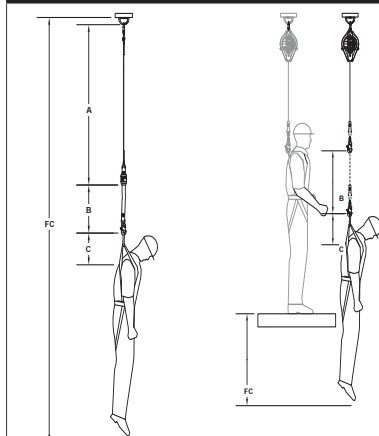
2.75 in.
(6.96 cm)



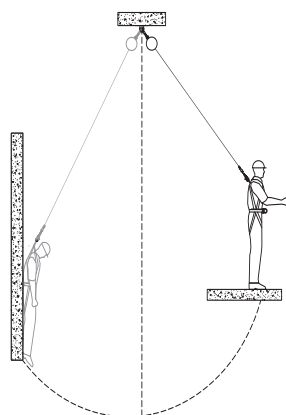
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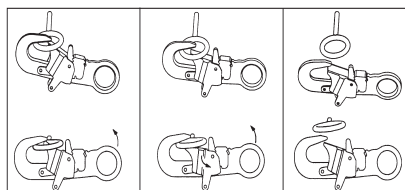
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4



5

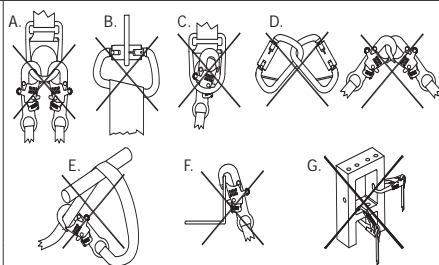


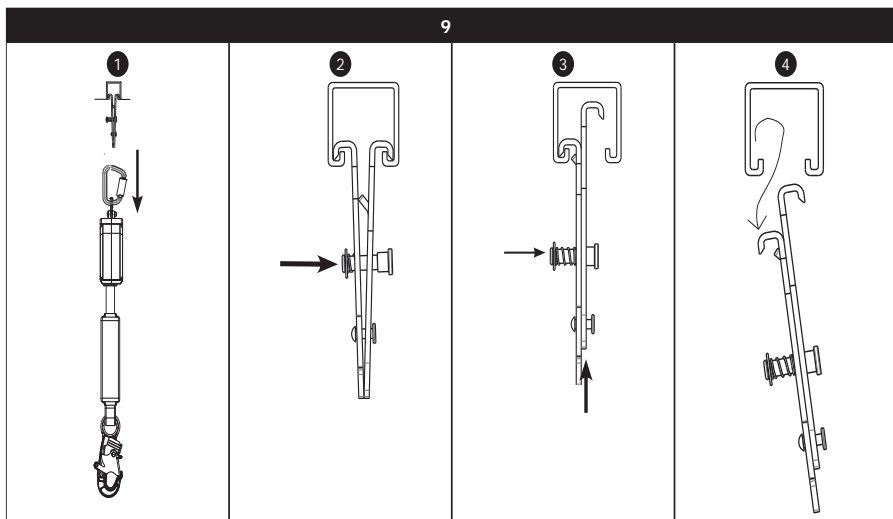
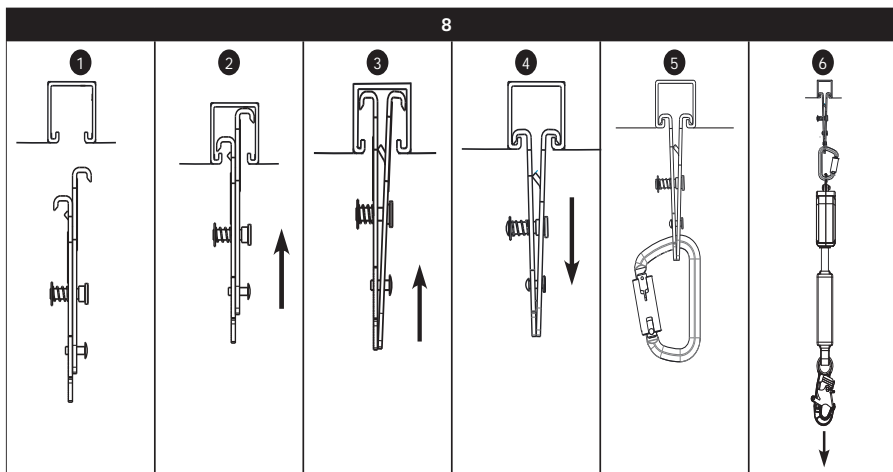
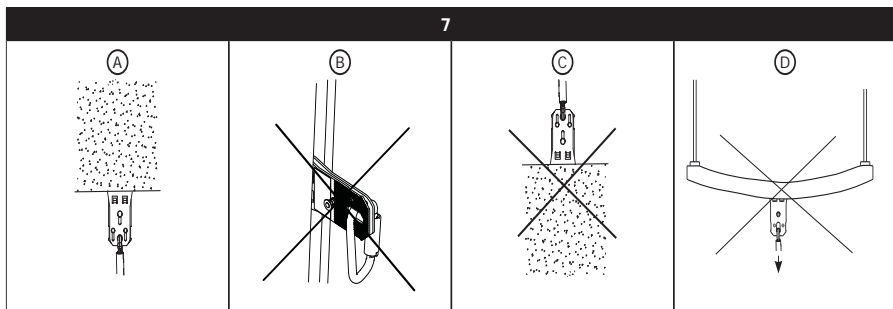
A

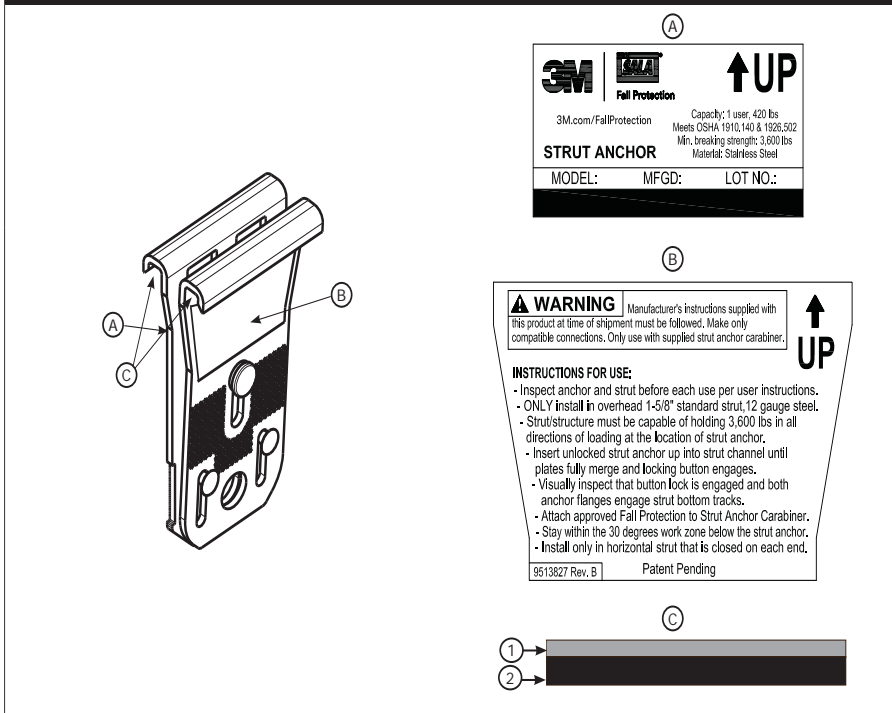
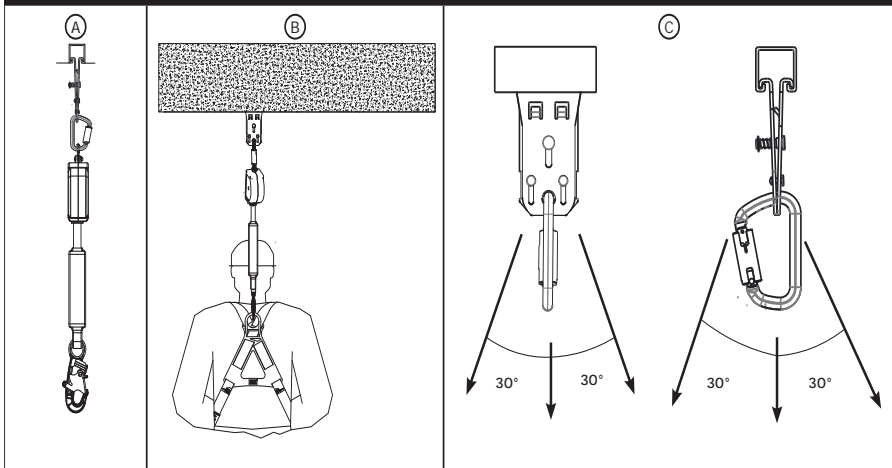
B

C

6







SAFETY INFORMATION

EN

Please read, understand, and follow all safety information contained in these instructions prior to the use of this Anchorage Connector. 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 Anchorage Connector is intended for use as part of a complete personal fall protection system.

Use in any other application including, but not limited to, material handling, recreational or sports related activities, or other activities not described in the User 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 Anchorage Connector is part of a personal fall protection system. It is expected that all users be fully trained in the safe installation and operation of their personal fall protection system. **Misuse of this device could result in serious injury or death.** For proper selection, operation, installation, maintenance, and service, refer to these User Instructions and all manufacturer recommendations, see your supervisor, or contact 3M Technical Service.

- **To reduce the risks associated with working with an Anchorage Connector 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 and destroyed.
 - The device must only be installed in the specified substrates or on structures detailed in the User Instructions. Installations and use outside the scope of this instruction must be approved by 3M Fall Protection.
 - The substrate or structure to which the anchorage connector is attached must be able to sustain the static loads specified for the anchor in the orientations permitted in the User Instructions.
 - Only connect other 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.
 - (CONCRETE ANCHORS) Do not use device in wet or uncured concrete, hollow block, stone, wood, or other substrates or materials.
 - (CONCRETE ANCHORS) Prior to installation of device in an existing hole, inspect the hole for deformation, correct substrate thickness, and correct hole diameter and depth.
- **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 your 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 (Table 2) at the back of this manual.

PRODUCT DESCRIPTION:

Figure 1 illustrates the 3M™ DBI-SALA™ Strut Anchor. The Strut Anchor is a single point anchorage connector for a personal fall arrest system or personal fall restraint system designed to be installed into a strut. Typically a strut is embedded in concrete. Other installed struts can be used but only if they meet the anchorage strength requirements and other specifications in Table 1.

Figure 2 illustrates components of the Strut Anchor. See Table 1 for Component Specifications. The Strut Anchor is comprised of Side Plates (A) held together with Rivets (B) and an internal Spring (D) and Washer (E). The Carabiner (F) connects the Strut Anchor to a lanyard or Self-Retracting Device (SRD) and then connects to the appropriate attachment element on the user's full body harness.

Table 1 – Specifications

System Specifications:													
Capacity:	1 Person with a combined weight (clothing, tools, etc.) of no more than: 420 lbs (190 kg) for OSHA.												
Anchorage:	<p>Fall Arrest: The structure to which the Anchorage Connector is attached must sustain static loads applied in the directions permitted by the Fall Arrest System (Figure 1) of at least: 3,600 lbs (16 kN) with certification of a Qualified Person¹; or 5,000 lbs (22 kN) without certification. When more than one Personal Fall Arrest System (PFAS) is attached to an anchorage, these static loads must be multiplied by the number of PFAS attached to the anchorage.</p> <div style="border: 1px solid black; padding: 5px;"> <p><input checked="" type="checkbox"/> OSHA 1926.500 and OSHA 1910.66: Anchorages used for attachment to a Personal Fall Arrest System (PFAS) must be independent of any anchorage used to suspend or support platforms and must support 5,000 lbs (22 kN) per user attached, or be designed, installed, and used as part of a complete PFAS which maintains a Safety Factor of a least 2 and is supervised by a Qualified Person¹.</p> </div> <p>Restraint: The structure to which the Strut Anchor is attached must sustain static loads applied in the directions permitted by the Restraint System of at least 3,000 lbs (13 kN). When more than one Restraint System is attached to an anchorage, the static load must be multiplied by the number of Restraint Systems attached to the anchorage.</p>												
Strut Channel Requirements	<p>The Strut is to have an end stop at each end preventing the strut anchor from sliding off the strut channel.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Strut material</td><td>12 gauge steel</td></tr> <tr> <td>Strut width</td><td>1 5/8 inches</td></tr> <tr> <td>Strut height</td><td>at least 1 5/8 inches</td></tr> <tr> <td>Strut opening</td><td>7/8 inches wide</td></tr> <tr> <td>Strut orientation</td><td>Horizontal with opening facing down</td></tr> <tr> <td>Strut location</td><td>Must be directly above the user</td></tr> </table>	Strut material	12 gauge steel	Strut width	1 5/8 inches	Strut height	at least 1 5/8 inches	Strut opening	7/8 inches wide	Strut orientation	Horizontal with opening facing down	Strut location	Must be directly above the user
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Strut opening	7/8 inches wide												
Strut orientation	Horizontal with opening facing down												
Strut location	Must be directly above the user												
Anchorage Connector Breaking Strength	3,600 lbs (16 kN) Minimum Breaking Strength when loaded in the directions shown in Figure 10C.												
Dimensions:	See Figure 1 for the dimensions of the Strut Anchor.												
Weight:	Without Carabiner - 0.89 lbs, with Carabiner 1.45 lbs												

Component Specifications:

Figure 2 Reference	Component	Materials	Figure 2 Reference	Component	Materials
(A)	Side Plates	stainless steel	(H)	Red Warning Labels	
(B)	Rivets	stainless steel	(I)	Strut	
(C)	Button Lock	stainless steel	(J)	Strut Bottom Tracks	
(D)	Spring	stainless steel	(K)	Anchor Flanges	
(E)	Washer	brass	(L)	Connecting Hole	
(F)	Carabiner	alloy steel			
(G)	Spreader Ramps				

1 Qualified Person: An individual with a recognized degree or professional certificate, and extensive experience in Fall Protection. This individual must be capable of design, analysis, evaluation, and specification in Fall Protection.

1.0 PRODUCT APPLICATION

- 1.1 PURPOSE:** Anchorage Connectors are designed to provide anchorage connection points for Fall Arrest¹ or Fall Restraint² systems: Restraint, Work Positioning, Personnel Riding, Rescue, etc.

☒ **Fall Protection Only:** This Anchorage Connector is for connection of Fall Protection Equipment. Do not connect Lifting Equipment to this Anchorage Connector.

- 1.2 STANDARDS:** Your Anchorage Connector conforms to the national or regional standard(s) 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 must be supervised by a Competent Person³.
- 1.4 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 ANSI and OSHA, and/or regional regulations. 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.
- 1.5 RESCUE PLAN:** When using this equipment and connecting subsystem(s), the employer must have a rescue plan and the means at hand to implement and communicate that plan to users, authorized persons⁴, and rescuers⁵. 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.
- 1.6 INSPECTION FREQUENCY:** The Anchorage Connector 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.⁶ Inspection procedures are described in the "Inspection and Maintenance Log". Results of each Competent Person inspection should be recorded on copies of the "Inspection and Maintenance Log".
- 1.7 AFTER A FALL:** If the Anchorage Connector is subjected to the forces of arresting a fall, it must be removed from service immediately, clearly marked "DO NOT USE", and then destroyed.

2.0 SYSTEM REQUIREMENTS

- 2.1 ANCHORAGE:** Anchorage structure requirements vary with the fall protection application. Structure on which the Anchorage Connector is placed or mounted must meet the Anchorage Strength specifications defined in Table 1.
- 2.2 PERSONAL FALL ARREST SYSTEM:** Figure 1 illustrates the application of this Anchorage Connector. Personal Fall Arrest Systems (PFAS) used with the system must meet applicable Fall Protection standards, codes, and requirements. The PFAS must incorporate a Full Body Harness and limit Arresting Force to the following values:

	Maximum Arresting Force	Free Fall
PFAS with Shock Absorbing Lanyard	1800 lbs (8 kN)	Refer to the instruction(s) included with your Lanyard or SRD for Free Fall limitations.
PFAS with Self Retracting Device (SRD)	1800 lbs (8 kN)	

- 2.3 FALL PATH AND SRD LOCKING SPEED:** A clear path is required to assure positive locking of an SRD. Situations which do not allow for an unobstructed fall path should be avoided. Working in confined or cramped spaces may not allow the body to reach sufficient speed to cause the SRD to lock if a fall occurs. Working on slowly shifting material, such as sand or grain, may not allow enough speed buildup to cause the SRD to lock.
- 2.4 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: 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 Personal Fall Arrest System.
- 2.5 FALL CLEARANCE:** Figure 3 illustrates the components of a Fall Arrest. There must be sufficient Fall Clearance (FC) to arrest a fall before the user strikes the ground or other obstruction. Clearance is affected by a number of factors including: Anchorage Location, (A) Lanyard Length, (B) Lanyard Deceleration Distance or SRD Maximum Arrest Distance, (C) Harness Stretch and D-Ring/Connector Length and Settling. Refer to the instructions included with your Fall Arrest subsystem for specifics regarding Fall Clearance calculation.

¹ **Fall Arrest System:** A collection of Fall Protection Equipment configured to arrest a free fall.

² **Fall Restraint System:** A collection of Fall Protection Equipment configured to prevent the person's center of gravity from reaching a fall hazard.

³ **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.

⁴ **Authorized Person:** A person assigned by the employer to perform duties at a location where the person will be exposed to a fall hazard.

⁵ **Rescuer:** Person or persons other than the rescue subject acting to perform an assisted rescue by operation of a rescue system.

⁶ **Inspection Frequency:** Extreme working conditions (harsh environments, prolonged use, etc.) may require increasing the frequency of competent person inspections.

- 2.6 SWING FALLS:** Swing Falls occur when the anchorage point is not directly above the point where a fall occurs (see Figure 4). The force of striking an object in a swing fall may cause serious injury or death. Minimize swing falls by working as directly below the anchorage point as possible. Do not permit a swing fall if injury could occur. Swing falls will significantly increase the clearance required when a Self-Retracting Device or other variable length connecting subsystem is used.
- 2.7 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.
- 2.8 CONNECTOR COMPATIBILITY:** 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 3M if you have any questions about compatibility. 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 5). Connectors must be compatible in size, shape, and strength. If the connecting element to which a snap hook or carabiner attaches 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 (A). This force may cause the gate to open (B), allowing the snap hook or carabiner to disengage from the connecting point (C). Self-locking snap hooks and carabiners are required by ANSI Z359 and OSHA.
- 2.9 MAKING CONNECTIONS:** Snap hooks and carabiners used with this equipment must be self-locking. Ensure all connections are compatible in size, shape and strength. Do not use equipment that is not compatible. Ensure all connectors are fully closed and locked. 3M connectors (snap hooks and carabiners) are designed to be used only as specified in each product's user's instructions. See Figure 6 for examples of inappropriate connections. Do not connect snap hooks and carabiners:
- A. To a D-ring to which another connector is attached.
 - B. In a manner that would result in a load on the gate. 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 is equipped with a 3,600 lb (16 kN) 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 anchor, and without visual confirmation seems to be fully engaged to the anchor point.
 - D. To each other.
 - E. Directly to webbing or rope lanyard or tie-back (unless the manufacturer's instructions for both the lanyard and connector specifically allows such a connection).
 - F. To any object which is shaped or dimensioned such that the snap hook or carabiner will not close and lock, or that roll-out could occur.
 - G. In a manner that does not allow the connector to align properly while under load.

3.0 INSTALLATION

☒ *The structure to which the anchorage connector is attached must be either designed/evaluated by a qualified person for a certified anchor point or a competent person may approve a non-certified anchor point that is capable of supporting 5,000 lbs. See Anchorage requirements in Table 1.*

- 3.1 PLANNING:** Plan your fall protection system prior to installation of the Strut Anchor. Account for all factors that may affect your safety before, during, and after a fall. Consider all requirements, limitations, and specifications defined in Section 2 and Table 1.

Figure 7 illustrates the orientation and support necessary for the Strut Anchor. The Strut Anchor must be used only in overhead applications with the Strut Anchor arrows always facing up and above head level (7A). It should never be mounted in a vertical strut (7B) or below the user (7C). Do not install in a strut that does not meet the anchorage strut requirements along the full length of the strut (7D). The required anchorage strength depends on the application. Do not install in sloped struts. Do not install strut anchor across 2 separate sections of strut. The full length of the strut anchor must fully engage the strut bottom tracks on both sides. Do not use with a Horizontal Lifeline (HLL). Do not attach the Strut Anchor to other types of structures or openings not specified in Table 1.

- 3.2 INSTALLING THE STRUT ANCHOR:** The Strut Anchor can be installed in Strut Channels meeting the anchorage requirements specified in Table 1. See Figure 1 for the allowable inner width (A) and outer width (B) for each channel. Figure 2 illustrates the Strut Anchor in the unlocked position (2) and the locked position (4). Figure 8 illustrates the installation steps of the Strut Anchor.

☒ *If installing multiple Strut Anchors in an anchorage, the required anchorage strength gets multiplied by the number of PFAS attached to the anchorage.*

1. Place the Strut Anchor in the unlocked position.
2. Insert the Strut Anchor up into the strut.
3. Continue lifting the Strut Anchor so both the Side Plates hit the top of the Strut, the Side Plates slide and align together, and the Button Lock engages.
4. Pull the Anchor down so it engages the bottom of the Strut Bottom Tracks. Visually inspect that the Button Lock has engaged and the Anchor Flanges are both firmly in the Strut Bottom Tracks. When looking up from directly below the Strut Anchor, confirm that the red warning label is not visible through the bottom opening of the strut.
5. Attach the locking Carabiner to the Connecting Hole of the Strut Anchor. Prior to connecting the PFAS, test for proper engagement to the Strut by shaking vigorously.

☒ *Only the original Carabiner that is supplied with the Strut Anchor is to be used for the installation.*

6. Attach an approved SRL, lanyard, or drop line.

- 3.3 REMOVING THE ANCHOR:** When the Strut Anchor is no longer being used, it should be removed and stored according to Section 6.3. Refer to Figure 9 for Strut Anchor removal.

1. Remove the PFAS and Carabiner from the Connecting Hole.
2. Push and hold the Button Lock in on the Strut Anchor.
3. While holding the Button Lock in, slide only the slotted Side Plate upward into the Strut.
4. Lift the Strut Anchor slightly up and over the Strut Bottom Track. Tip the Strut Anchor, if needed, to assist in removal.

4.0 USE

- 4.1 BEFORE EACH USE:** Verify that the work area and Personal Fall Arrest System (PFAS) meet all criteria defined in Section 2 and a formal Rescue Plan is in place. Inspect the Strut Anchor per the 'User' inspection points defined on the 'Inspection and Maintenance Log' (Table 2). If inspection reveals an unsafe or defective condition, do not use the system. Remove the system from service and destroy, or contact 3M regarding replacement or repair.
- 4.2 FALL ARREST CONNECTIONS:** The Strut Anchor is used with a Full Body Harness and Energy Absorbing Lanyard or Self-Retracting Device (SRD). Figure 10A illustrates connection of the SRD to the Strut Anchor, and Figure 10B illustrates the connection between the SRD and the harness. Connect the Lanyard or SRD between the Strut Anchor and the back dorsal D-Ring on the harness as instructed in the instructions included with the Lanyard or SRD.
- 4.3 USE:** Refer to Figure 10C for use information. Always stay within 30 degrees of vertical. Never work outside this zone. Be aware that the Strut Anchor may slide in the strut during use and in the event of a fall. End stops must always be present on each end of the Strut.

1 Qualified Person: An individual with a recognized degree or professional certificate, and extensive experience in Fall Protection. This individual must be capable of design, analysis, evaluation, and specification in Fall Protection.

2 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.

5.0 INSPECTION

- 5.1 INSPECTION FREQUENCY:** The Strut Anchor must be inspected at the intervals defined in Section 1. Inspection procedures are described in the *"Inspection and Maintenance Log" (Table 2)*. Inspect all other components of the Fall Protection System per the frequencies and procedures defined in the manufacturer's instructions.
- 5.2 DEFECTS:** If inspection reveals an unsafe or defective condition, remove the Strut Anchor from service immediately and contact 3M regarding replacement or repair. Do not attempt to repair the Fall Arrest System.
- ☒ **Authorized Repairs Only:** Only 3M or parties authorized in writing can make repairs to this equipment.
- 5.3 PRODUCT LIFE:** The functional life of the Fall Arrest System is determined by work conditions and maintenance. As long as the product passes inspection criteria, it may remain in service.

6.0 MAINTENANCE, SERVICING, STORAGE

- 6.1 CLEANING:** Periodically clean the Strut Anchor metal components with a soft brush, warm water, and a mild soap solution. Ensure parts are thoroughly rinsed with clean water.
- 6.2 SERVICE:** Only 3M or parties authorized in writing by 3M may make repairs to this equipment. If the Strut Anchor has been subject to fall force or inspection reveals an unsafe or defective conditions, remove the system from service and contact 3M regarding replacement or repair.
- 6.3 STORAGE AND TRANSPORT:** When not in use, remove the Strut Anchor from the Strut. Store and transport the Strut Anchor and associated fall protection equipment in a cool, dry, clean environment out of direct sunlight. Avoid areas where chemical vapors may exist. Thoroughly inspect components after extended storage.

7.0 LABELS

Figure 11 illustrates the labels on the Strut Anchor. All the labels must be present on the Strut Anchor. Labels must be replaced if they are not fully legible.

Figure 11C shows the visual warning label that is attached to the inside the Anchor Flanges. There is red, reflective side of the label (1) and a solid, black side of the label (2).

Table 2 – Inspection and Maintenance Log

Inspection Date:		Inspected By:	
Components:	Inspection: (See Section 1 for <i>Inspection Frequency</i>)	User	Competent Person ¹
Strut Anchor (Figure 2)	Inspect the Side Plates (A), Connecting Hole (L), Anchor Flanges (K), and the Spreader Ramps (G) for damage. Look for cracks, dents, deformities, bending or wear.	<input type="checkbox"/>	<input type="checkbox"/>
	Verify Rivets (B), Spring (D), Washer (E) and the Button Lock (C) are present and in good condition.	<input type="checkbox"/>	<input type="checkbox"/>
	Inspect the entire unit for corrosion.	<input type="checkbox"/>	<input type="checkbox"/>
	Verify that the Strut Anchor operates as designed. When sliding the anchor from the unlocked position to the locked position, confirm the Button Lock (C) fully engages and prevents the Side Plates (A) from sliding back into the unlocked position. Confirm the Button Lock (C) and Spring (D) move back and forth freely.	<input type="checkbox"/>	<input type="checkbox"/>
	Verify the width across the Anchor Flanges (K) of the Strut Anchor in the locked position as shown in Figure 1. When pinching the Anchor Flanges together, the width must measure between 1.25 inches - 1.4 inches.	<input type="checkbox"/>	<input type="checkbox"/>
	After installation or when using an already installed Strut Anchor, a flashlight can be used to confirm that the Anchor Flanges are engaging the Strut Bottom Tracks and the Strut Anchor is properly installed. When directly below the Strut Anchor, use a flashlight and shine the light up into the Strut at the Anchor. If the red, reflective label is visible, the Strut Anchor is not properly installed and should be removed and reinstalled. If the red, reflective label is not visible, the Strut Anchor is installed correctly.	<input type="checkbox"/>	<input type="checkbox"/>
Carabiner (Figure 2)	Inspect the Carabiner (F). Look for any kind of damage and verify that the locking gate freely rotates and locks closed.	<input type="checkbox"/>	<input type="checkbox"/>
Labels (Figure 9)	Verify that all labels are securely attached and are legible (see ' <i>Labels</i> ').	<input type="checkbox"/>	<input type="checkbox"/>
PFAS and Other Equipment	Additional Personal Fall Arrest System (PFAS) equipment (harness, SRL, etc) used with the Anchorage System should be installed and inspected per the manufacturer instructions.	<input type="checkbox"/>	<input type="checkbox"/>
Structure and Strut (Figure 2)	Inspect the Strut (I), Strut Bottom Tracks (J), and the structure to which the Strut is attached. Look for cracks, dents, deformities, modifications, repairs or anything that could reduce the strength of the anchor point or prevent the Strut Anchor from fully engaging the Strut. Inspect the Strut to make sure there are no obstructions in the Strut or in the Bottom Tracks.	<input type="checkbox"/>	<input type="checkbox"/>

Serial Number(s):	Date Purchased:
Model Number:	Date of First Use:

Corrective Action/Maintenance:	Approved By:
	Date:
Corrective Action/Maintenance:	Approved By:
	Date:
Corrective Action/Maintenance:	Approved By:
	Date:
Corrective Action/Maintenance:	Approved By:
	Date:
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	Date:
Corrective Action/Maintenance:	Approved By:
	Date:
Corrective Action/Maintenance:	Approved By:
	Date:
Corrective Action/Maintenance:	Approved By:
	Date:

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.

U.S. 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 applicable law, 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 at 800-328-6146 or via email at 3MfallProtection@mmm.com for assistance.

LIMITATION OF LIABILITY: TO THE EXTENT PERMITTED BY APPLICABLE LAW, 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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