

MEGA Swivel
10K



Description:

- ☒ Zinc plated forged heat treated steel,
- ☒ Special design gives the anchor a incredible 10,000 lb ultimate breaking strength
- ☒ 2,000 safe working load
- ☒ Rates for 4 men HLL systems
- ☒ Rotates 360 degrees
- ☒ Flips 180 degrees
- ☒ Used for steel flanges or concrete substrate

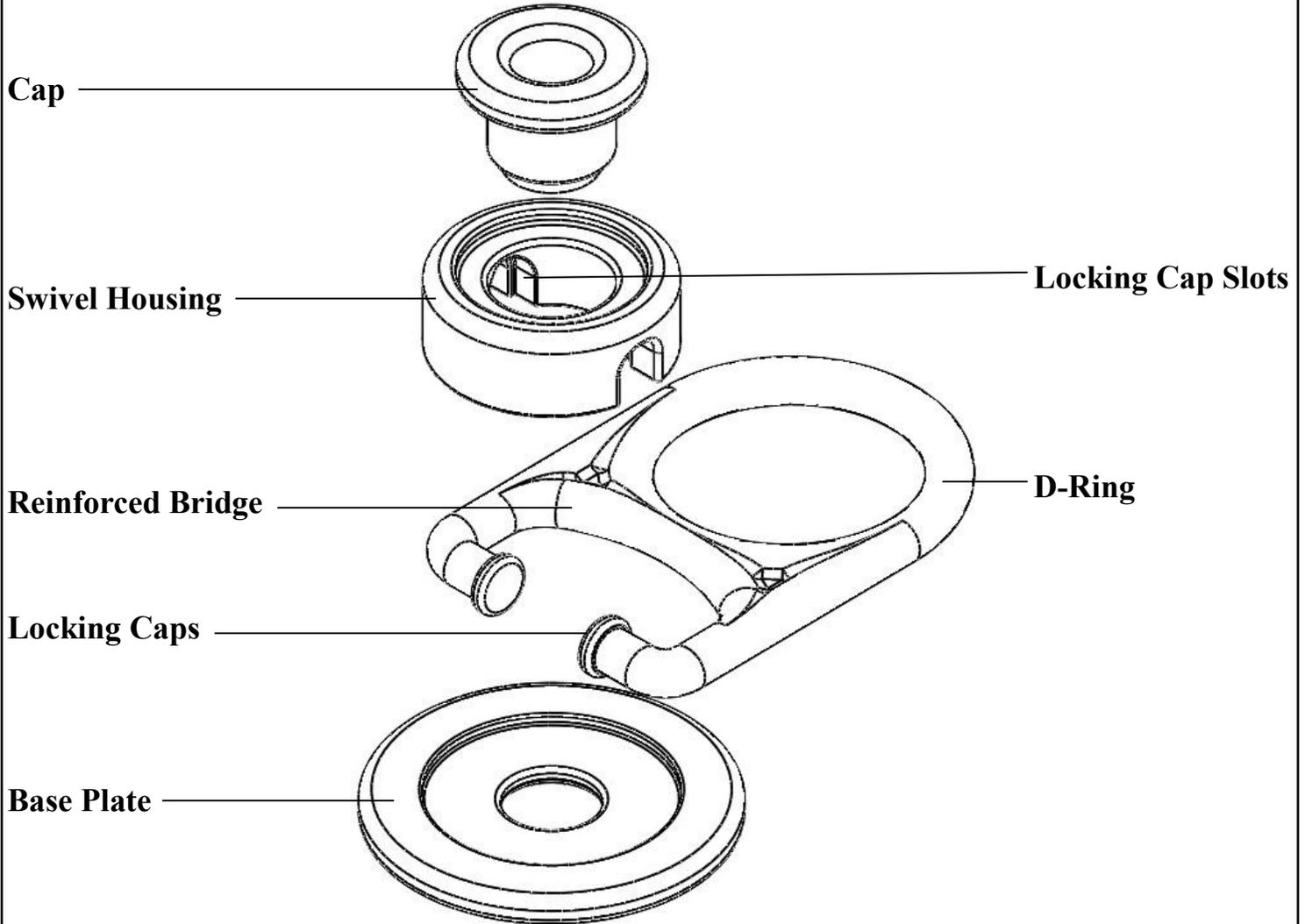
Technical:

| | | |
|-----------------------|---|--|
| Hardware for concrete | - | See page 5 for details. |
| Tensile Strength | - | 10,000 lbs |
| Material | - | Drop forged alloy steel |
| Hardware for steel | - | 5/8" grade 8 bolt, lock washer and nut |
| Working load | - | 2,000 |

IMPORTANT!!

All persons using this equipment must read and understand all instructions. Failure to do so may result in serious injury or death. If a fall occurs, this anchor must be disposed of according to the manufacturer instruction. Users should be familiar with pertinent regulations governing this equipment. All individuals who use this product must be correctly instructed on how to use this device.

Components



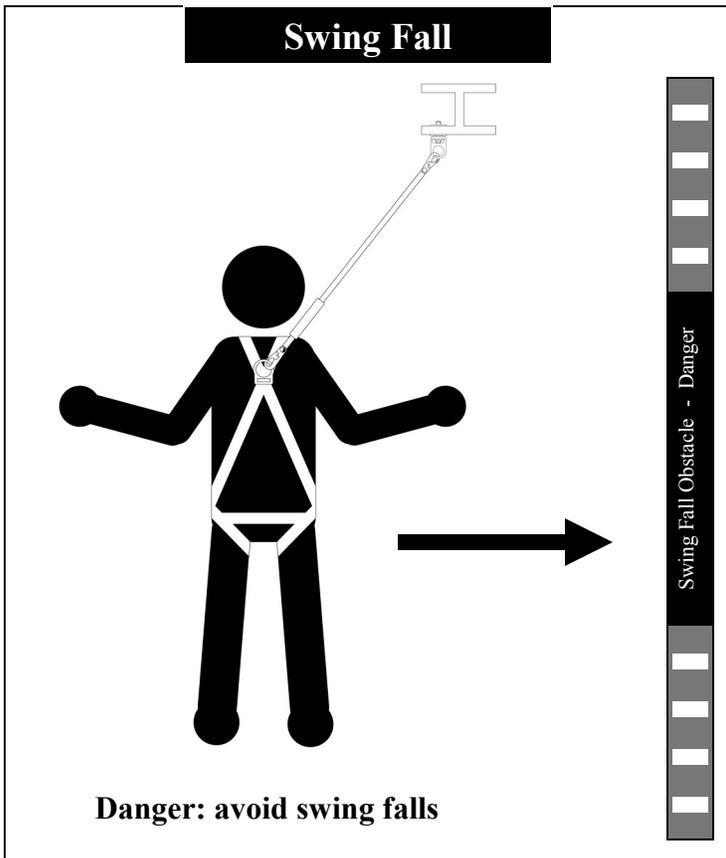
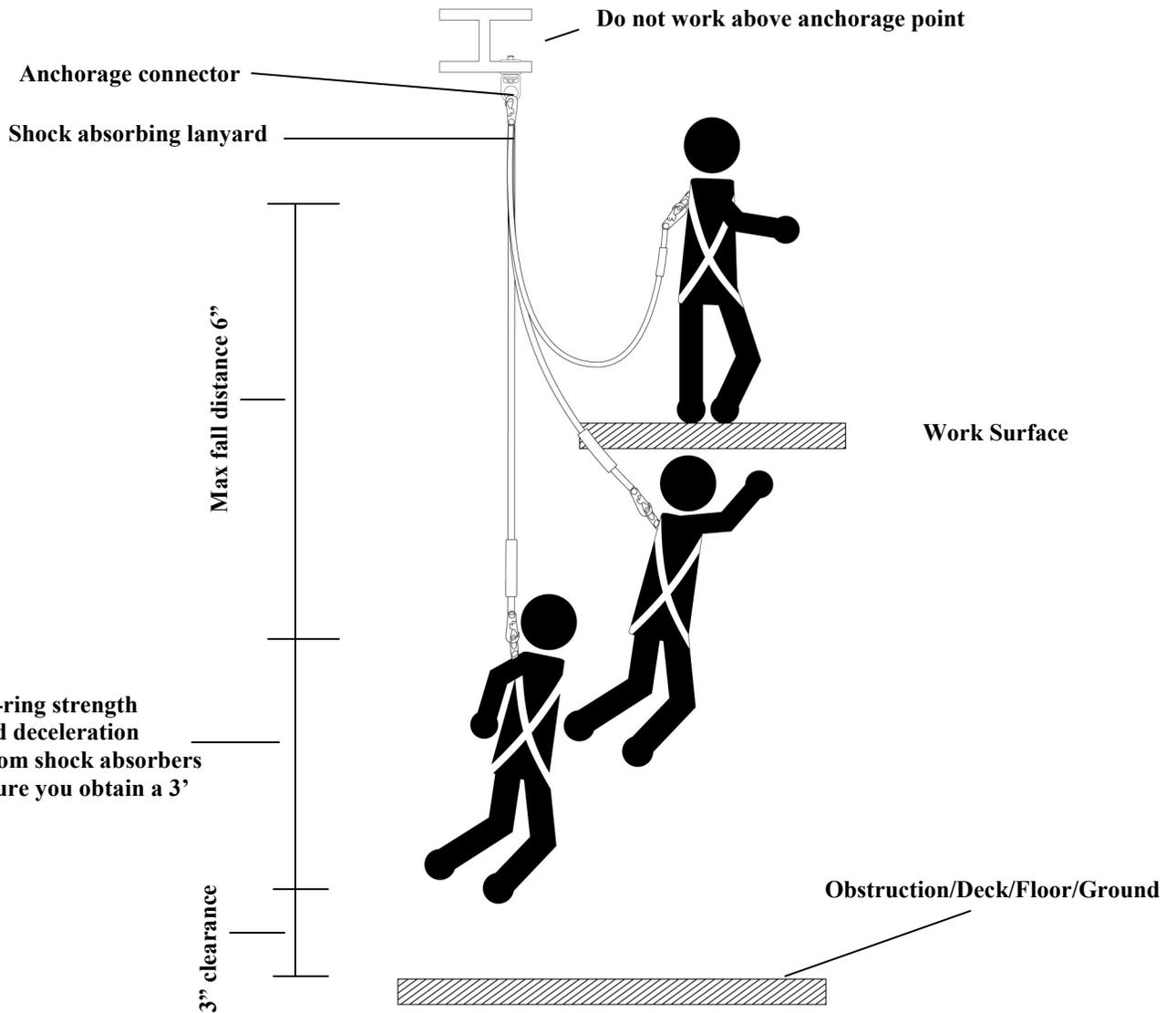
The MEGA Swivel incorporates a custom design to its components to give it's incredible strength. The D-Ring used a heavy gauge heat treated steel, Reinforced Bridge and Locking Caps. The Locking Caps slot into the Swivel Housing preventing the D-Ring from spreading outwards during heavy loads. The Bridge keeps the D-Ring from collapsing. The Swivel Housing allows the D-Ring to flip back and forth as wells rotate at 360 degrees.

APPLICATIONS

USE: The MEGA Swivel anchorage connector is designed to use for fall protection, four man life line systems, restraint, work positioning, personal riding, tie back anchors, rescue and military applications.

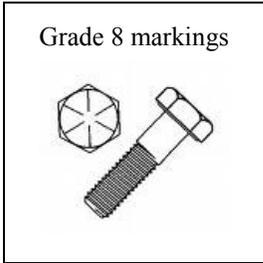
REQUIREMENTS

- 1. Follow all manufacturer's instructions with this device. Only trained professional personnel should install, maintain, inspect and use this product and its components or other personal protective equipment in conjunction with this product.**
- 2. Do not use this device if its components are damaged, cracked, broken or have any deformation to its structure. Do not use device if it does not operate smoothly or freely.**
- 3. OSHA requires that any personal fall arrest system and all the components in the system be removed from service and destroyed if a fall has occurred loading this device.**
- 4. This product is not designed to be repaired or altered in any way. The unit must be removed from service.**
- 5. Do not use incompatible connectors with this device. Use only self-locking snap hooks or carabiners that meet ANSI 359.1 requirements. Only use connectors that are designed for each application. Ensure that all connectors are fully closed and in the locked position. Connectors strength must meet the 5,000 lb requirement.**
- 6. All personal fall arrest systems must meet all applicable state, federal, city, OSHA and ANSI requirements and any other regulating government body. It is the responsibility of the employer to regulate its worker and make sure all laws are being complied with concerning this device.**
- 7. This anchorage point attachment must be identified by a qualified or competent person by means of support of a worker. For fall arrest, the anchor point must meet the 5,000 lb requirement per single user. It is the responsibility of the user and employer that the I-beam can meet the anchor requirements and the proper anchoring techniques be used with this device. See page 5 for required hardware to use with this device.**
- 8. This anchor point must be used with care. Determining the proper placement of this device must take into consideration that in combination with a lanyard the user will not be allowed to free fall more than 6 feet (1.8 M) . Make sure the fall path is clear of obstructions and no swing falls occur.**
- 9. The structure or substrate that this device is anchored to must meet the capabilities of withstanding the 5,000 lb static load capacity per person. (5,000 lbs for one person) (10,000 lbs for two person) see pages 5-7 for details on anchoring requirements.**
- 10. Pregnant women and minors must not use this product.**
- 11. Designed safe working load is 400 LBS (149.3 kg). Do not exceed this weight.**



Swing fall can occur when the worker is not directly under the anchorage point. Avoid a swing fall by working directly underneath your anchorage point. Swing falls can jeopardize the clearance required with retractable, shock absorbing lanyards and other sub-systems of your fall protection system. Avoid swing fall at all circumstances. Swing falls can cause serious injury or death.

BOLT REQUIREMENTS FOR STEEL



For steel applications a grade 8 bolt with a locking nut and washer must be used.

Technical data:

Bolt:

- SAE grade 8
- 2" Minimum length
- 5/8" diameter
- 18 thrds/in

Nut:

- SAE grade 8 lock nut
- 5/8" diameter
- 18 thrds/in

Washer:

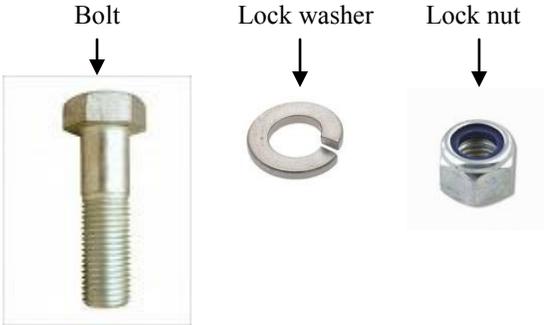
- SAE grade 8 lock washer
- 5/8" diameter

**Ultimate Breaking Strengths
of grade 8 bolt**

Ultimate Tensile - 18,000 lbs.
Ultimate shear - 15,000 lbs.

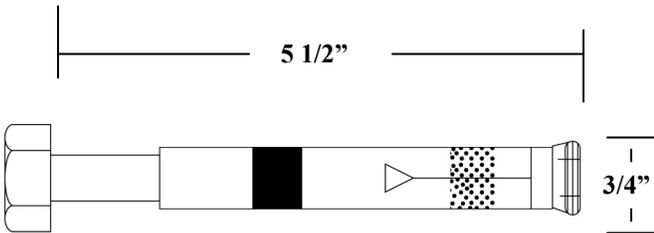
Safe Working Loads

Tensile - 2,000 lbs
Shear - 2,000 lbs



BOLT REQUIREMENTS FOR CONCRETE

Custom designed bolt exclusive with this anchor



The custom bolt supplied with these anchor can be used in 3,000 PSI normal weight concrete.

Technical data:

Bolt:

- SAE grade 5
- 5-1/2" length
- 3/4" diameter
- 18 thrds/in

Expander Nut:

- SAE grade 5
- 3/4" diameter
- 18 thrds/in

Washer:

- SAE grade 5
- 3/4" diameter

Ultimate Breaking Strengths

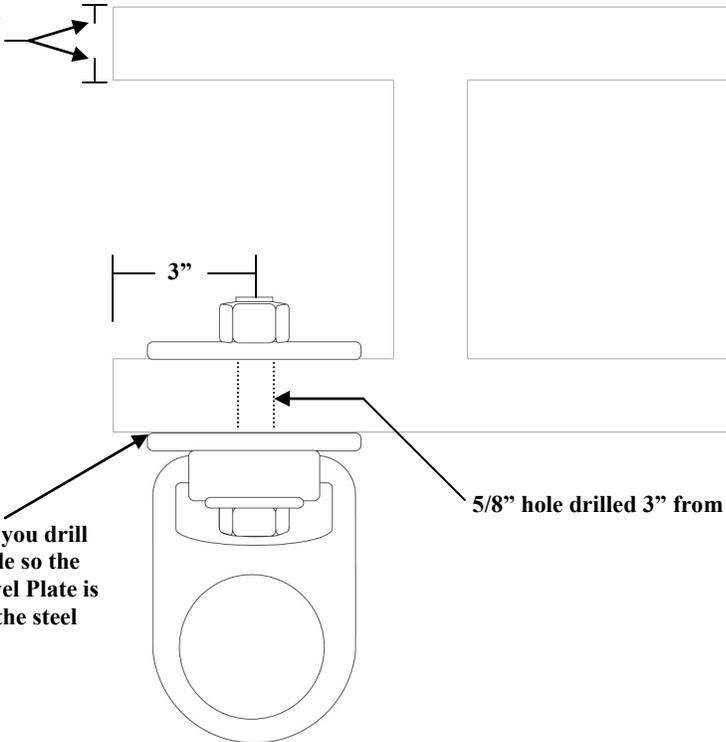
Ultimate Tensile - 12,000 lbs.
Ultimate shear - 10,000 lbs.

Safe Working Loads

Tensile - 2,000 lbs
Shear - 2,000 lbs

DRILLING REQUIREMENTS FOR STEEL

Flange must be at least 1/4" thick.



Steel

- Drill the hole 5/8" in diameter
- The hole must be 3" from an edge or corner.
- Do not use MEGA Swivel in steel thinner than 1/4"
- Be aware of your alignment of the lanyard or connectors, make sure they do not run over the edge of the steel flange.

5/8" hole drilled 3" from the edge.

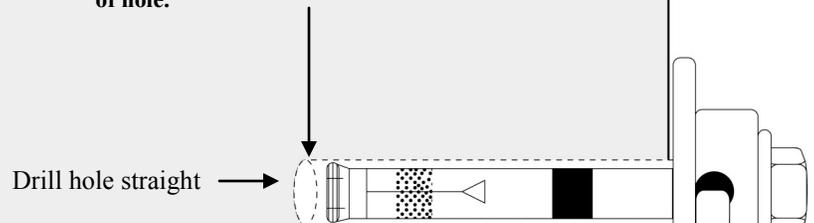
Make sure you drill or use a hole so the entire Swivel Plate is resting on the steel flange.

DRILLING REQUIREMENTS FOR CONCRETE

- Drill a 3/4" diameter hole 5" deep.
- Use recommended drill type and size.
- Blow hole clean with compressed air.
- Drill hole straight into substrate.
- Only use an industrial SDS hammer drill and drill bit.
- The concrete substrate must be 20" wide and at least 10" thick.

Do not drill a hole closer than 10" from any corner .

Drill hole 5" deep hole drilled straight into substrate. The anchor bolt will penetrate the hole 4 1/2" leaving 1/2" of play at the bottom of hole.

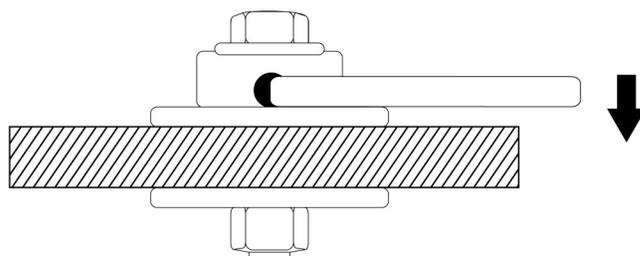
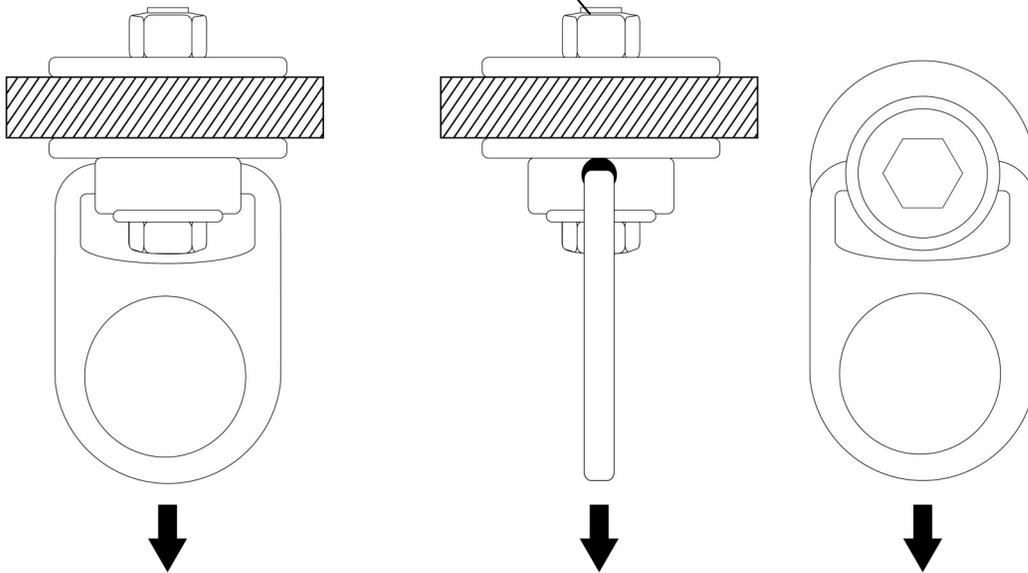


DO NOT drill hole less than 5" to insure the Swivel Plate can rest firmly on the face of the substrate. If the plate does not rest on the substrate, drill another hole. Make sure hole is drilled straight into the substrate to ensure proper swiveling action.

Use tapered washer with I-Beams that have tapered flanges

Change drawing

Acceptable Loads



DANGER - Improper load

INSPECTION

Inspection:

Official periodically inspection must be made at least annually. These inspection must be made by competent persons of official capacity other then the intended users. If server weather or condition exist then inspections must be carried out more frequency. All inspection results must be logged in the inspection and maintenance log on page 8.

1. Inspect unit to make sure it is straight and operates smoothly.
2. Inspect unit to make sure the label is affixed to unit.
3. Inspect unit for damage, crack and wear that could affect the strength or operation.
4. Inspect the anchoring fastener for damage, crack and wear that could affect the strength or operation.
5. Inspect unit to make sure all metal components are not damaged.
6. Make sure unit can rotate and flip flop freely.
7. Record the inspection results in the inspection log on page 8..

Storage and Cleaning:

1. Keep unit free of grease, oils and dirt.

Disposal:

1. Dispose of unit after any fall has occurred.
2. Dispose of unit if any damage has occur of any sort.
3. Dispose of unit if it does not operate freely.

After inspection reveals damage or unsafe conditions, proper disposal requires the Mega Swivel Anchor to be destroyed or proper disposed.

DISPOSAL

OSHA and ANSI standards require that if a fall occurs that the entire fall protection system must be removed from service and destroyed. Some components of a system may be allowed to be returned to the manufacture for re-certification, like a(Retractable). You must follow the instruction listed below for proper the MEGA Swivel

- Remove from service immediately after a fall occurs.
- Remove the anchor bolt from the MEGA Swivel and dispose it buy placing the bolt into a small box. Seal box closed then place in the garbage. This will prevent an unsuspecting user to see it in the trash and try to re-use the anchor.
- Repeat the same steps above to dispose of the MEGA Swivel. Do not put the anchor bolt in the same box as the MEGA Swivel.

WARNING:

- It is the responsibility of the employer, contractor and end user to properly dispose the fall protection systems and report the incident to the appropriate governing body. See your local, state and federal regulations.
- Re-using any component of a fall protection system after a fall has occurred is Illegal, dangerous and can lead to serous injury or death.

INSPECTION AND MAINTAINANCE LOG

DATE OF MANUFACTURE: _____

MODEL NUMBER: _____

DATE PURCHASED: _____

| Date | <input type="checkbox"/> Pass <input type="checkbox"/> Fail | Corrective Action | Name of Inspector | Signature |
|------|---|-------------------|-------------------|-----------|
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