

MAG-LOC™ CONTAINMENT SYSTEM OPERATION AND INSTALLATION

These instructions are for anchors used with hand truck frames, part number 302920. For Mag-Loc anchors to be used for industrial applications, please refer to instructions for part number 302945.

General Operating Instructions

Read and follow all installation and usage instructions carefully. **Do not over tighten straps**, as this may cause damage to strap, cargo, Mag-Loc anchors and hand truck. At no time should any one Mag-Loc anchor be subject to supporting more than the rated capacity of the Magliner hand truck. Magliner hand truck capacity is 500 lbs. unless otherwise stated.

Though Mag-Loc anchors can be used almost anywhere, it is your responsibility to determine suitability of this product for any particular use. This product is only as strong as stated when what you anchor them to is as equally strong.

All Mag-Loc products and anchoring points must be inspected before and during every use. Mag-Loc products should be replaced if worn, damaged or rust has penetrated deeper than the initial surface of the product. Like with all metal products, Mag-Loc anchors are subject to damage by elements of weather and may display surface rust at connection points. Surface rust is not covered under warranty. Minor surface rust is expected with use.

Products are subject to age, wear and deterioration which can cause a reduction in product breaking strength. Continuous exposure to ultra-violet light, extreme cold or extreme heat can degrade the strength of straps. Do not expose straps to sharp edges, acids, chemicals or items that may cause damage to fabric. If secured cargo has sharp edges or is subject to emitting heat or chemicals it may cause failure of straps. Storage of straps should be in a dry place not susceptible to elements of weather.

Keep in mind that some parts of this product may scratch or cause damage to cargo if not properly protected and secured.

Always make sure nothing is close to or touching the E-Fitting release lever when in use as this may cause it to release. After strapping cargo, always secure leftover unused strap.

Do not exceed weight limits as shown on the product to which the Mag-Loc anchor is installed. All ratings are based on the product being new and with usage in average environmental conditions. For any particular use, check with applicable industry, trade association, federal, state and/or local regulations.

For further questions contact Magline, Inc. Any failure of connection is entirely the responsibility of the owner/installer of this product. Magline and store of purchase will not be held liable for damage, injury or death related to such failure.

Installing Mag-Loc Anchor to Hand Truck Frame

TOOLS REQUIRED

- 9/32" DRILL BIT AND DRILL
- #3 PHILLIPS SCREW DRIVER
- 7/16" OPEN END WRENCH

Item	Description	Qty Required per Anchor	Part ID
A	Mag-Loc anchor	1	302920
B	Pan head machine screw - 1/4"-20 - 3/4" long	2	80256
C	Hex lock nut - 1/4"-20	2	80675

Note: Please be sure to install anchors to back of the hand truck frame (side facing operator while using the hand truck).

Directions:

1. Use the drawing below to determine the hole locations for the anchor. Use a transfer/center punch of appropriate diameter to mark hole position (see Figure 1).
2. Drill holes in marked locations.
3. Fasten the Mag-Loc anchor (A) with two 1/4"-20 x 3/4" long pan head machine screws (B) and 1/4"-20 hex lock nuts (C) (see Figure 2).
4. Tighten hardware to 50-60 in.-lbs. of torque.

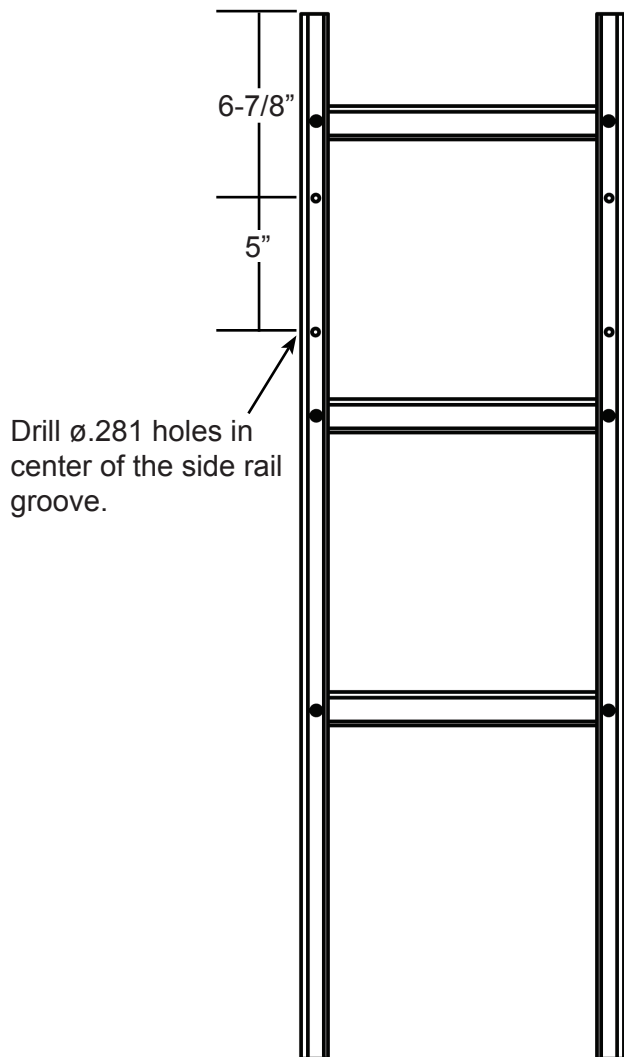


Figure 1

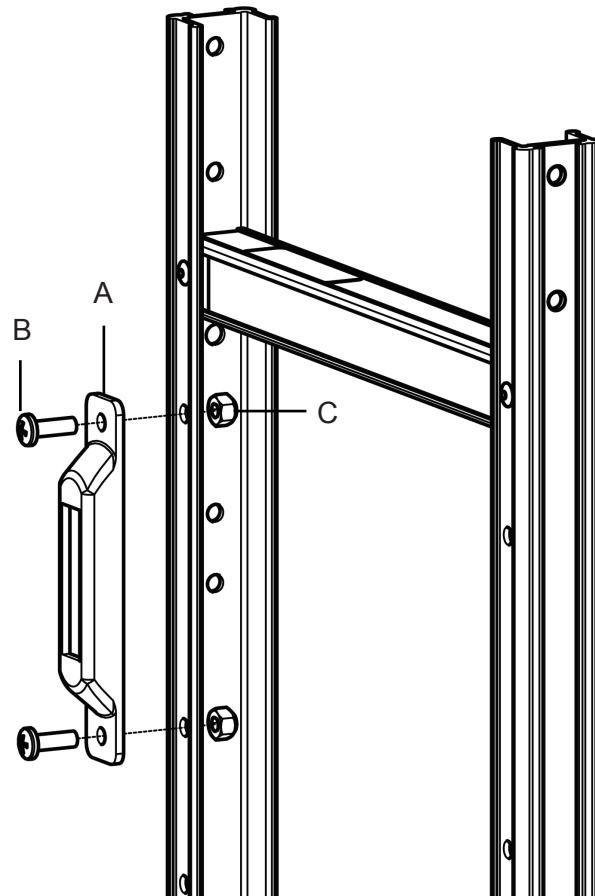


Figure 2

MAG-LOC™ CONTAINMENT SYSTEM USAGE INSTRUCTIONS

E-Fittings and Mag-Loc Anchors

1. Pull back on the release lever and insert that end of the E-Fitting into the Mag-Loc anchor (see Figure 1).
2. Insert the rest of the E-Fitting fully into the anchor (see Figure 2).
3. Release the lever and click securely in place. Make sure the E-Fitting is fully secured before use (see Figure 3).



Figure 1



Figure 2



Figure 3

Cam E-Strap

1. Feed strap through the cam buckle as instructed on the side of the cam (see Figure 1).
2. Connect both ends of strap securely to Mag-Loc anchors (see Figure 2).
3. Pull on the end of the strap until the strap is securely tightened (see Figure 3). Note: Do not overtighten strap as this may cause damage to the load, hand truck or containment system components.
4. To loosen strap, push down on lever end of cam buckle and loosen as needed. Always make sure nothing is close to or touching the fitting release lever when in use as this may cause the strap to release (see Figure 4).
5. Use the strap's hook and loop fastener to restrain any excess strap and for storage (see Figure 5).



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

Ratchet E-Strap

1. Connect both ends of strap securely to Mag-Loc anchors.
2. Feed end of strap through ratchet receiver as shown and pull through ratchet until almost snug on your cargo (see Figure 2).
3. Begin moving ratchet handle up and down until cargo is secure and there is a minimum of two revolutions of strap wrapped around the center pivot (see Figure 3). Note: Do not overtighten strap as this may cause damage to the load, hand truck or containment system components.
4. To release, pull back on the ratchet release lever, open the handle 180 degrees and pull on the strap until loose (see Figure 4).
5. Use the strap's hook and loop fastener to restrain any excess strap and for storage (see Figure 5).



Figure 1



Figure 2

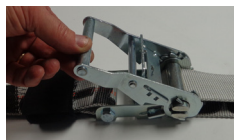


Figure 3



Figure 4



Figure 5

Mag-Loc Hook

1. When installing the removable Mag-Loc hook on your straps, there are two options:
 - b. For the fixed method, slip the Mag-Loc hook into the E-Fitting loop at the end of the strap (see Figures 1-3).
 - c. For the adjustable method slip the hook over the strap at any location until fully in place. The Mag-Loc hook can be put on the strap in a forward or reverse position (see Figure 4).
- d. Mag-Loc hooks can be used to secure cargo with or without using the E-Fitting or Mag-Loc anchors.



Figure 1



Figure 2



Figure 3



Figure 4

Mag-Loc Ring

1. When securing the Mag-Loc ring to a Mag-Loc anchor follow the same instructions used for the E-Fitting and Mag-Loc anchors (see Page 3).
2. The Loc-Ring attachment is useful for fastening ropes, hooks and other items (see Figure 2).



Figure 1



Figure 2

Mag-Loc Link

1. The Mag-Loc link strap coupling connects two or more E-Straps together. Follow the same instructions used for the E-Fitting and Mag-Loc anchors (see Page 3).
2. This attachment is useful for extending the length of any E-Strap to fit around larger cargo.

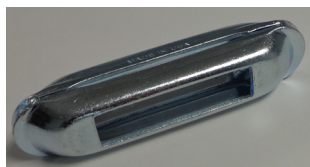


Figure 1



Figure 2

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