

BUDGIT®

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INSTALLATION INSTRUCTIONS FOR BUDGIT® AIR HOIST CHAIN CONTAINERS

Cat. No.	Chain Type	Max. Chain Cap.	Hoist Lift Container Will Accomodate		*Hanger Parts Kit
			¼ - ½ Ton	1 Ton	
902631	Coil	25 ft.	25 ft.	12 ft.	429756-97
902632	Roller	15 ft.	15 ft.	Do not use	326951-50
902633	Roller	30 ft.	30 ft.	15 ft.	326951-50
902634	Coil (S.R.)	25 ft.	25 ft.	12 ft.	429756-98

*Hanger Parts Kits contain: one support chain; two split links; chain hanger plate; one 1/4-20x2-1/4" Hex Hd. bolt, lockwasher and nut; and two 5/16-18x5/8" Hex Hd. bolts and lockwashers.

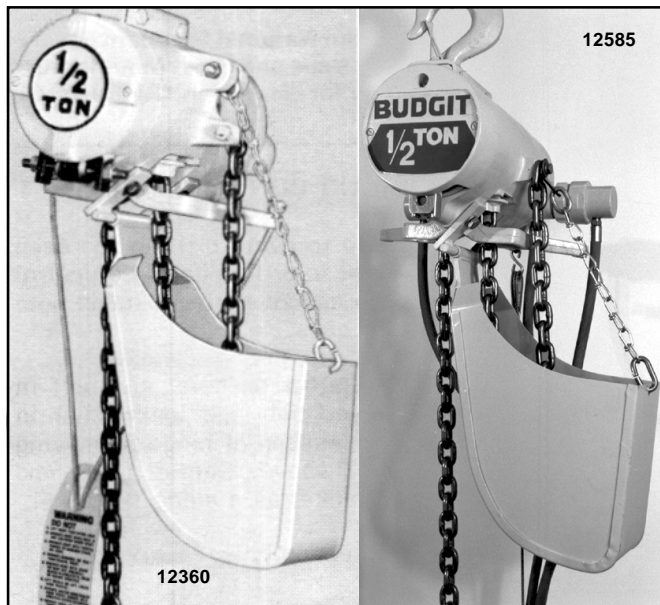


Figure 1A. Catalog No. 902631 Chain Container Installed on Coil Chain Hoists
Figure 1B.

GENERAL

All parts required for correct installation are included with each BUDGIT Chain Container. The container is easily installed in most cases without removing the hoist from its suspension, following the instructions below. When container is installed on certain older model BUDGIT Air Hoists, it will be necessary to drill and tap hanger bracket holes in hoist frame to mount container.

1. Operate hoist to run load hook to one foot of its low position. This will shorten loop in tail end of load chain so it doesn't interfere during installation, and also assure that chain is correctly fed into container after installation is completed.
2. Shut off air supply to hoist and proceed as outlined below.

INSTALLATION

These instructions apply to both roller chain containers and coil chain containers, except as noted.

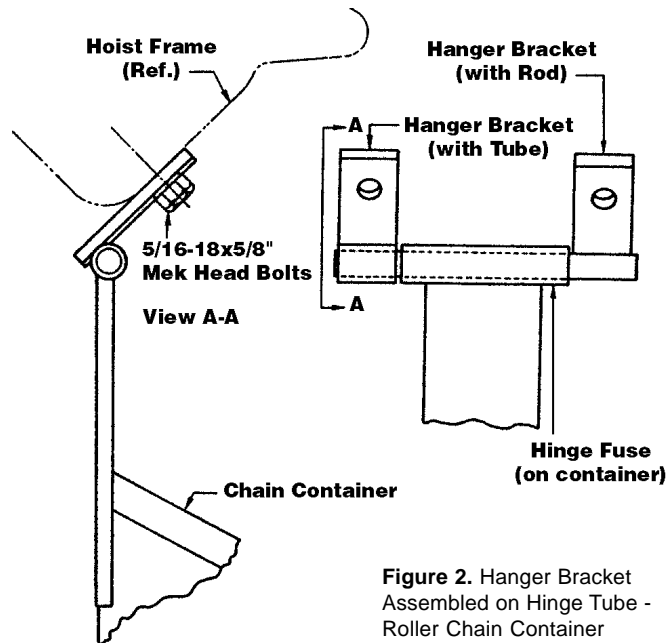


Figure 2. Hanger Bracket Assembled on Hinge Tube - Roller Chain Container

1. On roller chain containers, assemble hanger bracket to hinge tube at top of container. See Figure 2. NOTE: Hanger bracket is permanently attached on coil chain containers.
2. Position container at bottom of hoist with hanger bracket holes aligned with tapped holes on sides of control shaft bosses (Figure 3)., Secure bracket with two 5/16-18x5/8" hex head bolts and lockwashers provided.

Note: If hoist frame does not have tapped holes on sides of control shaft bosses, it will be necessary to remove hoist from support and drill and tap holes on chain anchor side of frame following instructions on back of page.

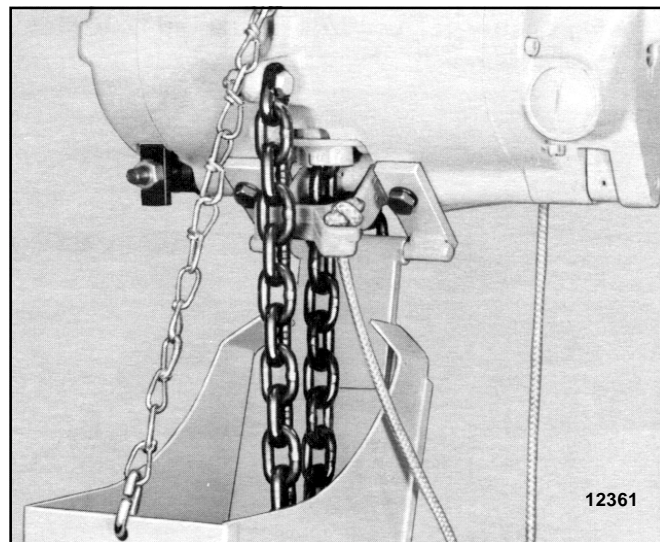


Figure 3. View Showing Hanger Bracket Bolted to Hoist Frame

- Place opened split link on one end of support chain and attach to container as shown in Figure 1. Secure by twisting link closed using pliers or adjustable wrenches.
- Place opened split link on other end of support chain. The number of complete links required between split links for proper support chain length is given below. If support chain furnished is longer than required, it should be shortened to the specified number of links.

SUPPORT CHAIN LENGTH

Container Catalog No.	Chain Type	Links Req'd For Fig. 1A Type Hoist	Links Req'd For Fig. 1B Type Hoist
902631	Coil	7	5
902632	Roller	10	8
902633	Roller	12	10
902634	Coil (S.R.)	7	5

Secure link by twisting link closed using pliers or adjustable wrenches.

- For type hoist shown in Figure 1A, attach split link to boss on side of hoist frame with 1/4" bolt, lockwasher and nut as shown in Figure 1A.

For type hoist shown in Figure 1B, attach chain hanger plate to hoist frame with load chain anchor bolt then attach split link as shown in Figure 1B.

- Operate control lever in both directions of travel to be certain container bracket does not interfere with lever restricting its movement.
- Air supply can now be turned on and the hoist operated.

CAUTION

Container must hang parallel to load chain. A tilted container will cause piling of chain with possible damage to hoist. If necessary, adjust container support chain. Do not run load into bottom of container. Be sure all split links are twisted closed.

Read and comply with American National Standard Safety Standard ANSI B30.16 - Latest issue and Hoist Manufacturers Institute "Do's and Do Not's for Electric and Air Powered Hoists."

INSTRUCTIONS FOR DRILLING AND TAPPING BOLT HOLES IN HOIST FRAME FOR CHAIN CONTAINER BRACKET

- Disconnect air supply hose at hoist and remove hoist from suspension.
- Place hoist upside down in vise, clamping the jaws against hoist mounting lug. Cover chain openings at bottom of hoist frame and brake opening in end cover to keep out metal shavings.
- Place inverted container (Figure 4) on hoist and use hanger bracket as a template to locate and mark holes on chain anchor side of frame. Container bracket must straddle control lever with its inner edges equally spaced over inner faces of control shaft bosses. The hinge must be centered over chain openings and control shaft and positioned so that it is parallel with the control shaft and directly below it when hoist is upright. Check position by moving control lever as far as it will go in both directions to make sure hinge does not restrict lever movement. Then mark holes on sides of control shaft bosses at bottom of frame.
- Punch center of one hole and drill to a depth of 5/8" using a letter "F" or 17/64" drill. Tap hole with 5/16" -18 UNC tap, 3/8" deep.

Caution: Use a drill stop to avoid drilling too deep and also be very careful not to drill or tap into control shaft. Use a sharp drill to assure a clean, round hole and drill at right angles to boss.

- Temporarily reposition container on hoist and bolt in place using 5/16" hex head bolt and lockwasher in hole just tapped. Recheck position of hinge by moving control lever as in Step 3 above. Center punch and drill second hole, using bracket as a guide (Figure 5).
- Remove container and tap second hole.
- Clean away metal shavings and remove cover from chain openings.
- Hoist can now be resuspended, container installed, and air supply reconnected.

Note: "Loctite" may be used on 5/16-18x5/8" hex head bracket bolts in place of 5/16" lockwashers if greater thread length engagement is required.

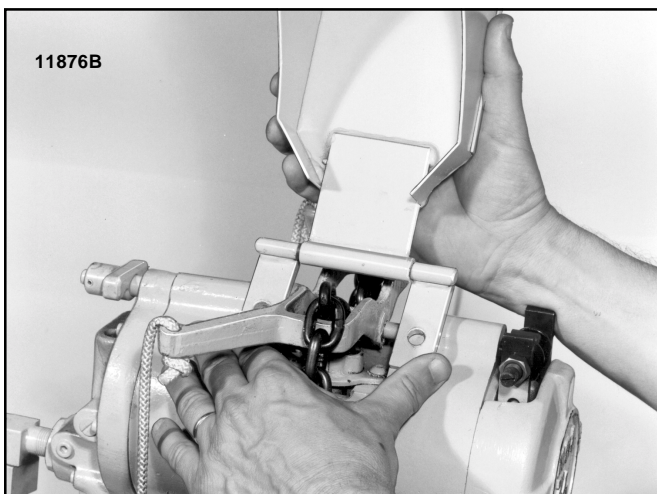


Figure 4. Positioning Container on Hoist Frame to Mark Mounting Holes

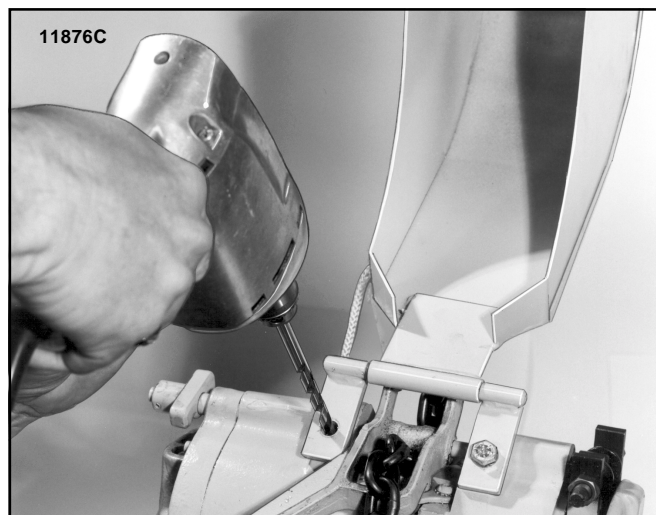


Figure 5. Drilling Hole in Frame Using Container Bracket as Guide