INSTRUCTION INSTALLING
BUDGIT® AIR HOIST
CHAIN CONTAINERS

Hoist Lift Container Capacity
Cat. No. Chain Type Maximum Will Accommodate Hanger Chain Cap. 1/4-1/2 Ton 1 Ton Parts Kit
902631 Coil 25 ft. 25 ft. 12 ft. 429756-97
902632 Roller 15 ft. 15 ft. Donotuse 326951-60
902633 Roller 30 ft. 30 ft. 15 ft. 326951-60
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. 12550

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

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3. 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.

4. 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

<table>
<thead>
<tr>
<th>Container Catalog No.</th>
<th>Chain Type</th>
<th>Links Req’d. For Fig. 1A</th>
<th>Links Req’d. For Fig. 1B</th>
</tr>
</thead>
<tbody>
<tr>
<td>902631</td>
<td>Coil</td>
<td>7</td>
<td>5</td>
</tr>
<tr>
<td>902632</td>
<td>Roller</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>902633</td>
<td>Roller</td>
<td>12</td>
<td>10</td>
</tr>
<tr>
<td>902634</td>
<td>Coil (S.R.)</td>
<td>7</td>
<td>5</td>
</tr>
</tbody>
</table>

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

5. 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.

6. Operate control lever in both directions of travel to be certain container bracket does not interfere with lever restricting its movement.

7. 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 no run load into bottom of container. Be sure all split links are twisted closed.

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

1. Disconnect air supply hose at hoist and remove hoist from suspension.

2. 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.

3. 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.

4. 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.

5. 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).

6. Remove container and tap second hole.

7. Clean away metal shavings and remove cover from chain openings.

8. Hoist can now be re-suspended, container installed, and air supply reconnected.

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.

NOTE: “Loctite” may be used on 5/16-18 x 5/8” 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