



## CROSBY/BULLARD BL-O HOOK KITS INSTALLATION INSTRUCTIONS

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### PURPOSE

Provide instructions for installing the Bullard BL-O Hook Kit (see EDOC0064) on Harrington Hoists products.

### SCOPE

Applies only to those Harrington Hoists products that are approved for use with the Bullard BL-O Hook Kit (see EDOC0044).

### INSTRUCTIONS

**Preliminary:** Before installing you must check the (a) fit of the Load Pin in the Load Chain, and (b) the fit of the Load Chain in the Chain Nest. These two check points are included in the instructions below.

**Preliminary:** While following the instructions steps 1 through 4 below, refer to the figure on page 2 of this document.

1. Remove the Load Pin and Chain Nest from the Hook Set Assembly.
2. Check the fit of the Load Pin into the last link of the hoist's load chain. Insert the Load Pin into the last link of the hoist's load chain - do this with the flat sides of the Load Pin parallel with the straight sides of the Load Chain. The Load Pin must fit without forcing and without alteration of either the Load Pin or the Load Chain. **If the Load Pin does not fit properly, DO NOT USE** - use a different Hook Set and/or a different Load Chain so that proper fit is achieved. If the chain has been in service, elongation of the links may have occurred making the inside width of the chain smaller - in this case new chain will be required.
3. Check the fit of the last link of the Load Chain into the Chain Nest. Insert the last link of the Load Chain into the Chain Nest. The link must fit the nest without forcing or alteration AND the hole in the Chain Nest must line up with the link so that driving the Load Pin through the Chain Nest and link will not damage the link. **If the link does not fit the Chain Nest properly, DO NOT USE** - use a different Hook Set and/or a different Load Chain so that proper fit is achieved.
4. If the Hook Set satisfactorily passes the check points 2 and 3 above, proceed to install as follows:
  - a. Re-Insert the Chain Nest into the Hook Set Assembly and line up the holes. Partially re-insert the Load Pin into the Hook Set Assembly. **MAKE SURE** the flat sides of the Load Pin are parallel with the vertical axis of the Hook Set.
  - b. Insert the last link of the Load Chain into the Chain Nest. Complete installation by driving the Load Pin through the holes in the top of the Hook Set Swivel and Chain Nest so that its ends are flush with the outer edges of each hole.

Once the Hook Set is installed:

- Install the WTAG6 Warning Tag included in the Hook Kit. WTAG6 is to be installed adjacent to the standard warning tag provided with the hoist.
- Follow the "Crosby/Bullard Golden Gate Hook Warning and Applications Instructions" provided with the hook.
- Continue to follow the instructions in the hoist Owner's Manual.

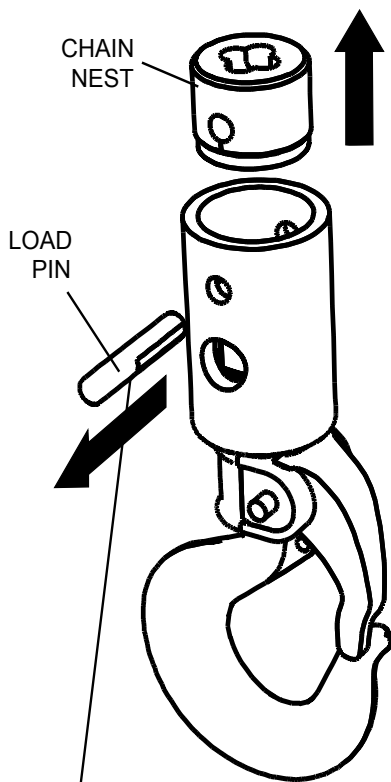
### **GENERAL USE**

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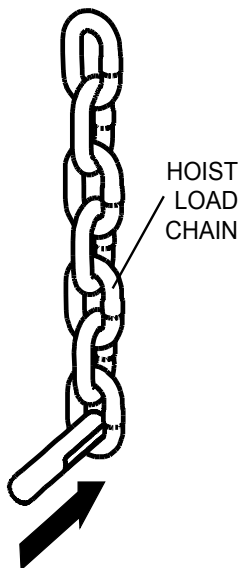
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**STEP 1**  
REMOVE  
LOAD PIN  
AND  
CHAIN NEST



WHEN REINSERTING LOAD PIN INTO HOOK SET, KEEP FLAT SIDES OF PIN VERTICAL IN RELATION TO HOOK. FLAT AREAS OF PIN SHOULD BE PARALLEL TO STRAIGHT SIDES OF LOAD CHAIN LINK.

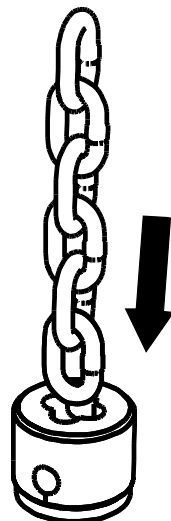
**STEP 2**  
FIT LOAD PIN  
INTO LAST LINK  
OF LOAD CHAIN  
ON HOIST



LOAD PIN MUST FIT WITHOUT FORCING OR ALTERING PIN OR CHAIN LINK. ALWAYS INSERT PIN WITH FLATS PARALLEL TO STRAIGHT SIDES OF CHAIN LINK.

**USE DIFFERENT HOOK SET OR CHAIN IF PIN WILL NOT FIT CHAIN LINK.**

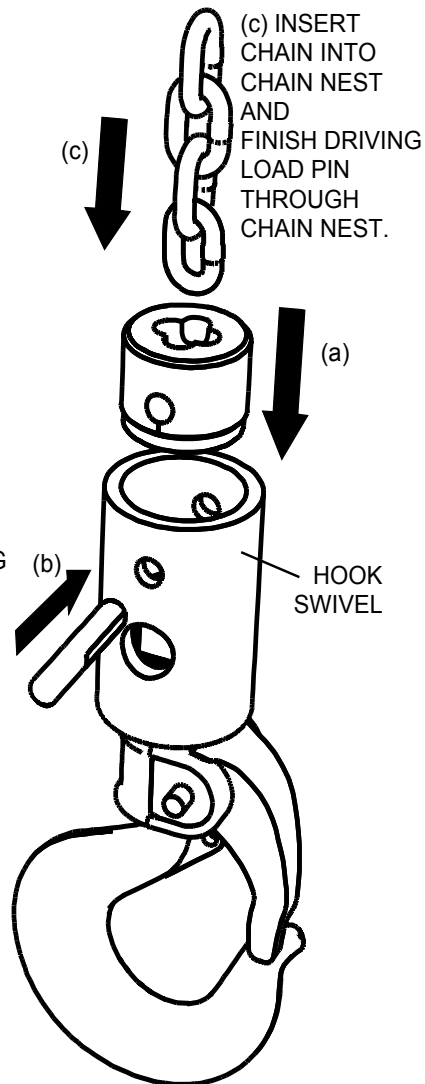
**STEP 3**  
FIT LAST LINK OF  
LOAD CHAIN  
INTO CHAIN NEST



CHAIN LINK MUST FIT INTO CHAIN NEST WITHOUT FORCING OR ALTERING CHAIN LINK OR CHAIN NEST.

**USE DIFFERENT HOOK SET OR CHAIN IF CHAIN LINK WILL NOT FIT CHAIN NEST.**

**STEP 4**  
(a) REINSERT THE CHAIN NEST INTO TOP OF HOOK SWIVEL AND LINE UP THE HOLES. (b) DRIVE PIN PARTIALLY INTO HOLES WITH FLAT SIDES VERTICAL.



(c) INSERT CHAIN INTO CHAIN NEST AND FINISH DRIVING LOAD PIN THROUGH CHAIN NEST.

CROSBY-BULLARD DIRECT ATTACH  
STYLE BL-O HOOK SET

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