

APPLICATION

This modification is available for model GH operators.

FUNCTIONS

This allows the manual chain hoist to be extended away from the operator to avoid an obstruction below the normal positioning of the hoist on a standard operator.

INSTALLATION

We have set up the handing of the chain hoist based on your order. If you find due to the job conditions that the chain hoist needs to be on the opposite side of the operator, it can be moved. If this is the situation do this modification before mounting the operator:

1. Remove the cover from the chain hoist housing and note location and quantity of spacers, snap rings, etc. It is not necessary to remove the sprocket as everything can be done from the other side.
2. Drive out the roll pin from behind the bevel gear, pop off the snap rings and slide the shaft out of the housing. Slide the shaft and bearing into the housing from the opposite side and slide the bevel gear on. Push the shaft through the housing and reinstall the bearing and all other parts. The groove in the center of the shaft should be aligned with the center of the tail shaft on the gear reducer. Be sure that the bevel gears mesh properly when the sash chain is pulled so that the hand chain mechanism will operate properly.
3. This kit includes a 2' length of 1" steel shaft. Be sure that this is long enough for your application. If not, secure a longer shaft before continuing. Install the 48B14 sprocket provided on the end of the shaft by drilling a 1/4" hole through the sprocket and shaft and secure with the 1/4" x 1-1/2" roll pin provided. Verify the shaft does not extend past the end of the sprocket and the teeth of the sprocket are at the end of the shaft (Figure 1).

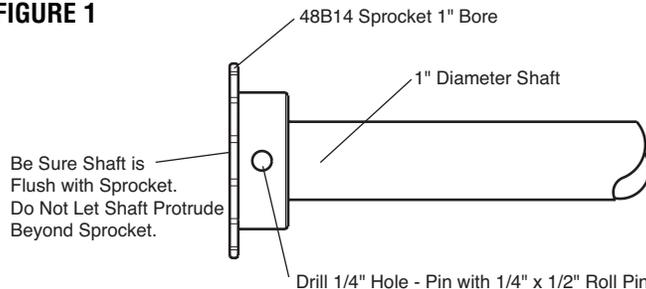
⚠️ WARNING

To prevent possible **SERIOUS INJURY** or **DEATH**, disconnect electric power to operator **BEFORE** installing.
ALL installations and electrical connections **MUST** be made by a qualified individual.

PACKING LIST

DESCRIPTION	QTY
Instructions	1
Bearing and Plate Assembly	2
Shaft Hand Chain 2' Extended	1
Sprocket 48B14 1" Bore	1
Roller Chain #40, 13 Pitches	1
Masterlink #40	1
Chain Wheel Assembly	1
Eye Bolt 5/16-18 x 3-1/4"	2
Cable Clamp	2
Spacer, 1-1/32 x 1-1/2 x 1/64	5
Spacer, 1-1/16 x 1-1/2 x 1/16	5
Roll Pin, 1/4 x 1-1/2" Long	1
Roll Pin, 5/16 x 2-1/2" Long	2
Cable 1/16"	1

FIGURE 1

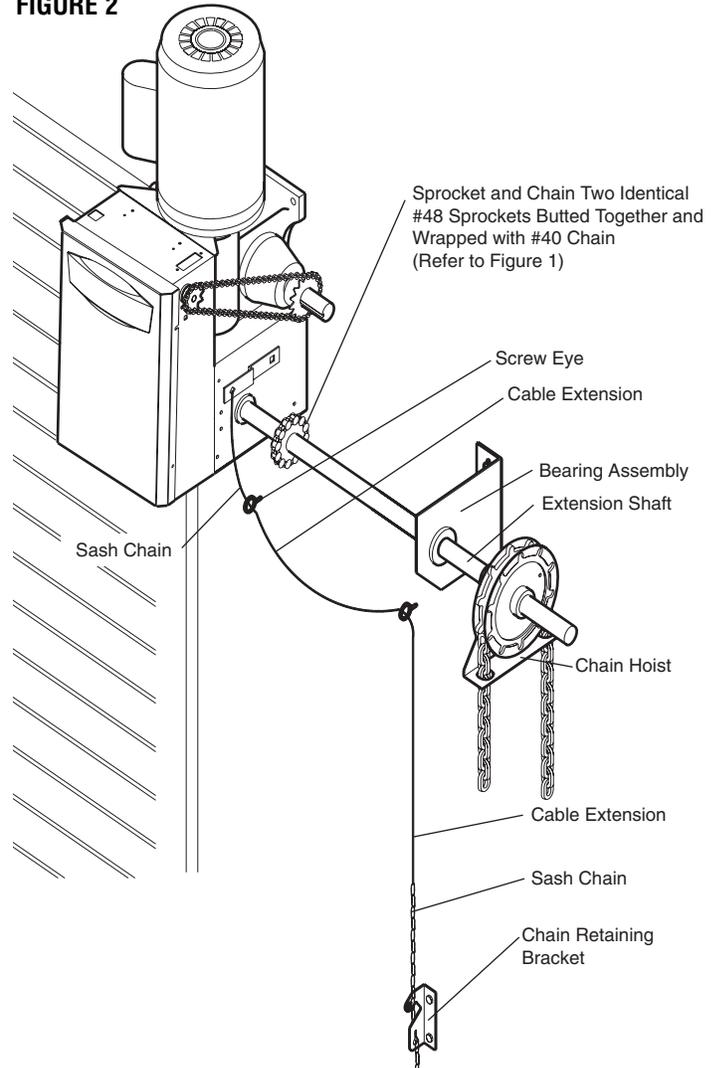


REMOTE MOUNT GH MODIFICATION

NOTE: Chain hoist shown on right, drive shown on left.

4. Raise the shaft and sprocket assembly into position. The sprocket is butted against the sprocket on the operator hand chain shaft. Support the shaft temporarily. Use the piece of #40 chain provided to connect the two sprockets together (Figure 2).
5. Slide bearing onto the shaft and securely mount it so the shaft turns freely without binding.
6. Use the instructions below to complete the assembly of the chain hoist.
7. Cut off the excess shaft, if necessary, but allow for another bearing on the outside of the chain hoist to support the load when the hoist is used (not shown).
8. Install the second bearing.
9. Cut the disconnect sash chain close to the operator and splice in the cable with a cable clamp (provided). Run the cable through screw eyes and down the wall under the chain hoist. Use the other cable clamp to reattach the sash chain to this cable. It is necessary to have chain at the floor end of the cable so that the hand chain engagement mechanism can be locked down with the chain retaining bracket.

FIGURE 2



CHAIN HOIST INSTALLATION

1. Determine location for the hand chain assembly. Slide the 1" shaft collar on the shaft, reworked side toward the end of the shaft, and tighten down (Figure 3).
2. Starting against shaft collar, slide the chain guide on the end of the shaft collar that has been reworked. Slide the chain wheel assembly on next.
3. Install (2) 5/16" x 1" long roll pins in the holes in the chain wheel hub.
4. Drill a 5/16" hole next to the hub on the chain wheel assembly and install a 5/16" x 2-1/2" roll pin. Do not make the assembly too tight. Thick and thin washers are provided to take out extra slack or to allow more movement.

FIGURE 3

