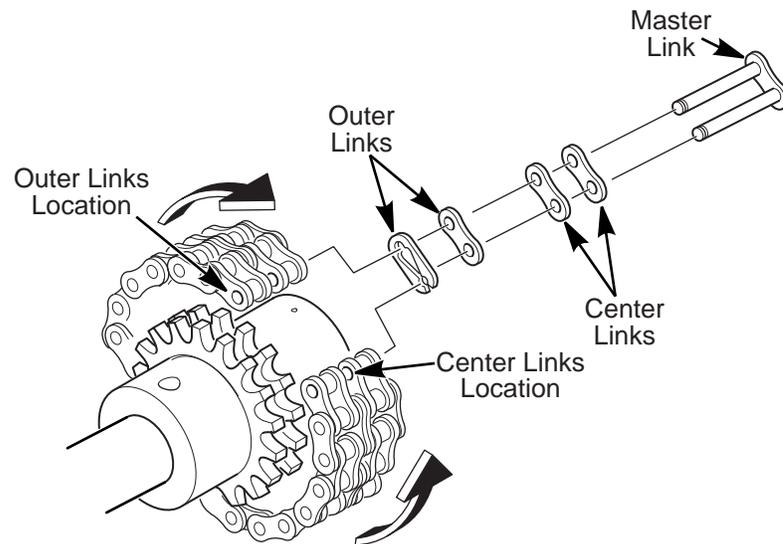

Power Coupler

Replacement Guide

Instr. # 10-02-0003a 6/99

For replacement kit #10-00-0295



Big Dutchman

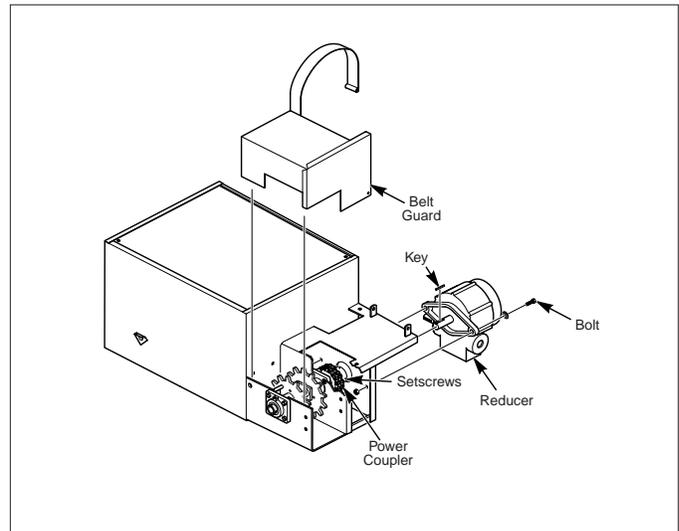
Replacing the Power Coupler



WARNING! When performing maintenance or repairs make sure the local control switch is **OFF** and the main power control panel is **OFF** and tagged “**DO NOT OPERATE.**”

Remove Reducer

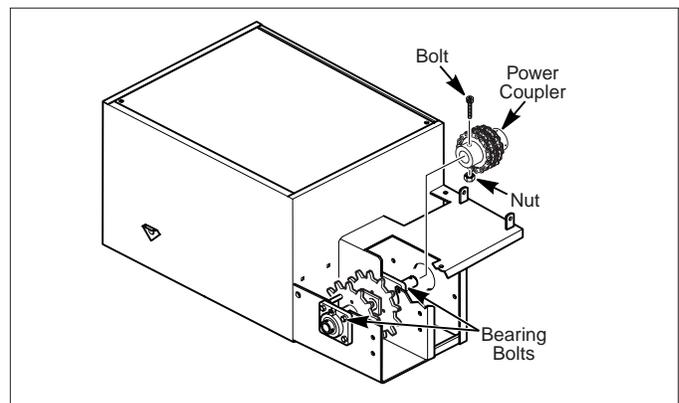
1. Remove the belt guard from the assembly.
2. Loosen the setscrews on the coupler half.
Do not completely remove the setscrews from the coupler.
3. Remove the bolts from the reducer.
4. Slide the reducer off the power coupler.



Remove the reducer from the power coupler.

Remove Coupler

1. Loosen, but do not remove, the bearing bolts.
2. Remove the bolt and nut from the power coupler and sprocket shaft.
3. Slide the coupler off of the sprocket shaft.

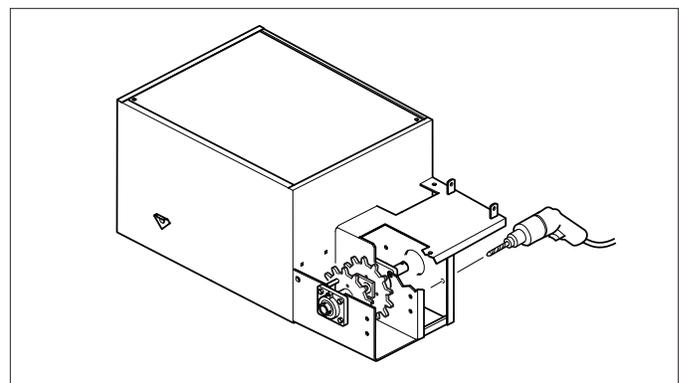


Remove the coupler from the sprocket shaft.

Enlarge the Reducer Mounting Holes

Using a 19/32 in. drill bit:

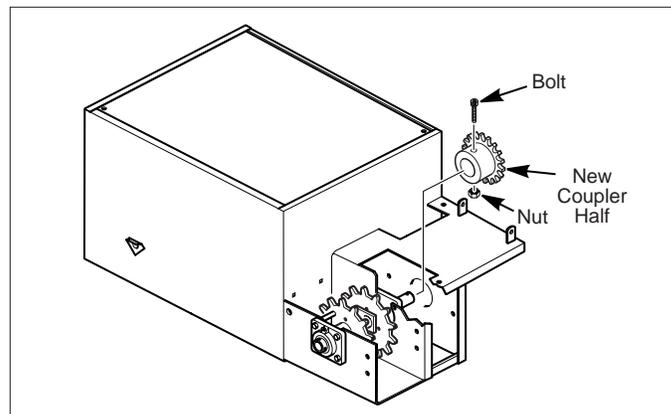
1. Find the holes which need to be enlarged.
2. Drill the two holes to 19/32 in.



Enlarge the holes for the reducer mounting bolts.

Install New Power Coupler

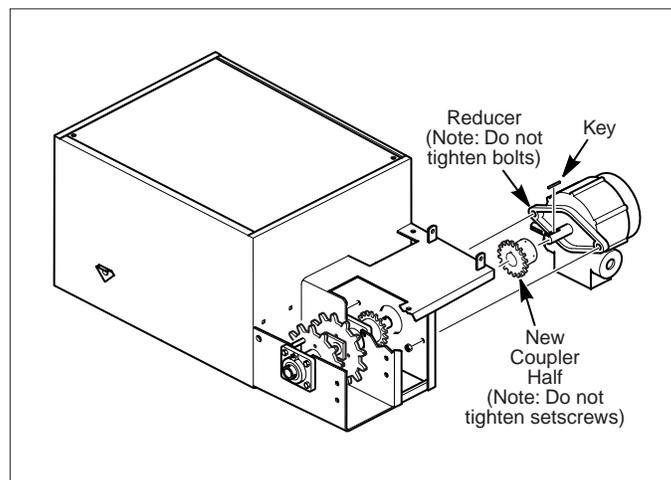
1. Slip the new power coupler half onto the sprocket shaft.
2. Secure the coupler in place by inserting the bolt and tightening the nut.



Install the coupler half.

Install Reducer

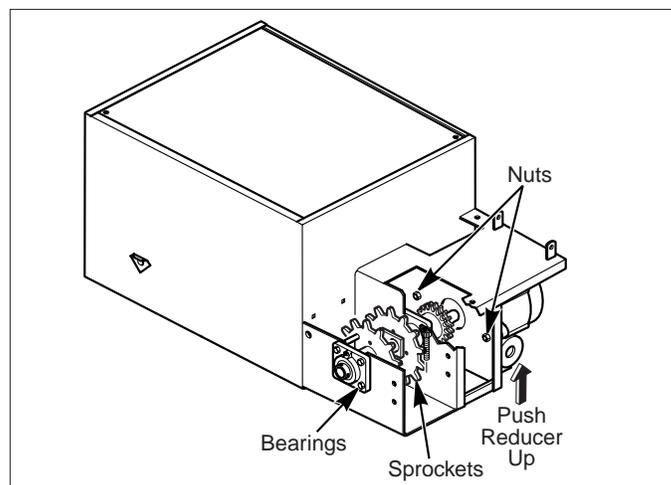
1. Slip the new power coupler half and key onto the reducer shaft. Do not tighten the setscrews.
2. Install the reducer.
Tighten the bolts finger tight.



Install the reducer.

Lift Reducer

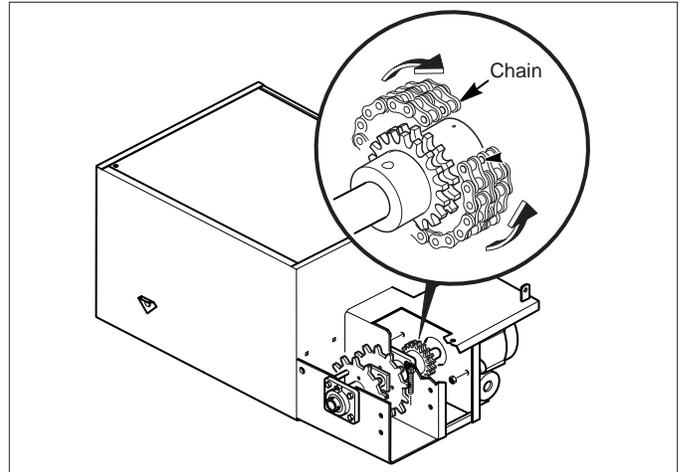
1. Raise the reducer as much as possible.
2. Tighten the mounting bolts.



Lift the reducer up to align all the components in the assembly.

Install Chain

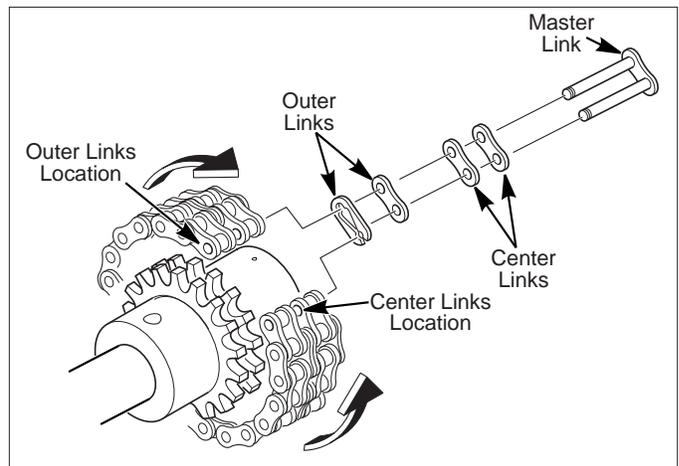
1. Slide the reducer coupler half onto the reducer shaft until the chain fits.
2. Tighten the set screws on the new power coupler half.
3. Wrap the chain around the new power coupler. Move the sprocket shaft to tighten the fit of the chain.



Install the chain onto the coupler.

Install Master Link

1. Align the outer links and center links with the chain on the coupler.
2. Insert the master link through the outer and center links to secure the chain in position.
Note: The master link cannot be installed until the shafts are aligned. Move the sprocket shaft until the master link is installed.
3. Tighten the bearing bolts when the master link and the sprocket shaft are properly aligned.
4. Check and adjust the position of the sprocket and power shoe as necessary.



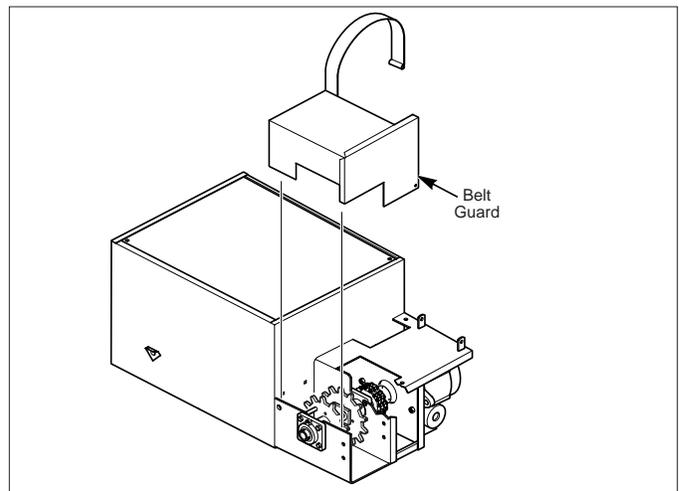
Install the master link.

Install Guard

1. Reinstall the belt guard after all adjustments have been made.



Do not operate the equipment until the guard is in its proper position.



Install the belt guard.