

BULLETIN #B003

REPLACING WHITE RETENTION CLIPS

ON THE JOBO LIFT

You will need:

1 x #1 Phillips® screwdriver

1 x Small Needle-nose Pliers

1 x Small standard screwdriver

1 x Clear Silicon Sealant (*JOBO Part #90018*) or equivalent

1 x Grease Syringe (*JOBO Part #95465*) or pure petroleum jelly

Required JOBO spare parts:

1 x White Retention Clip (*JOBO Part #07083 – sold individually*)

1 x Transfer Gears (*JOBO Part #95200 – sold as a set of two. When you order quantity 1 of #95200, you will receive two sets of transfer gears*) This is optional if you have not recently replaced them.

1 x Washer (*JOBO Part #34901 – sold individually. Order quantity 2 of #34901 for every double set of #95200*) This is needed if you are replacing the Transfer Gears 95200.

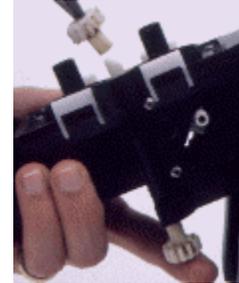
Recommended JOBO Refurbishment Kit:

1 x JOBOLift Refurbishment kit for JOBOLifts with white retention clips (*JOBO Part # LIFT_REFURB-1*). The refurbishment kit contains white retention clips, transfer gears, washer for transfer gears, grease for transfer gears, rollers, lift arm grease, and installation directions for the white retention clips and transfer gears.

Procedure:

1.0 Observe the coupler (the double spout part) from the rear. Notice how the four (4) white retention clips are positioned. They are sitting a small ledge or platform.

2.0 Remove the Transfer Gear Set (*JOB*O Part #95200).The front transfer gear, is the small white gear located between the two white retention clips (*JOB*O Part #07083)on the right hand side at the front of the coupler.

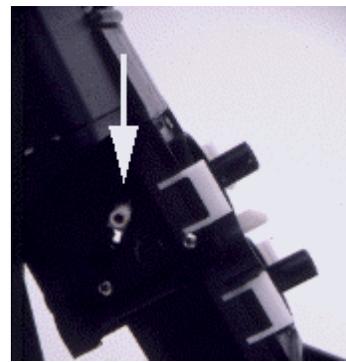


2.1 Remove the silicon sealant from the center of the front transfer gear by pulling or prying the silicon sealant out from the end of the gear.

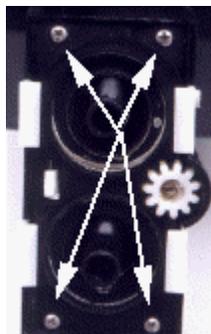
2.2 Squeeze the two prongs (the end of the transfer gear shaft) located in the center of the front transfer gear using needle nose pliers.

2.3 Push the transfer gear shaft (the two prongs) inward through the gear.

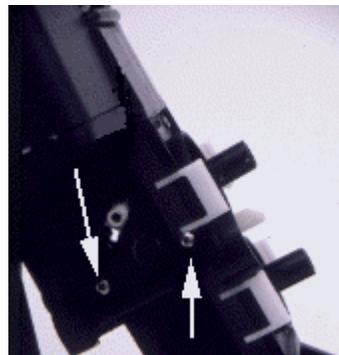
3.0 Position the system change lever to the center position so neither spout is selected.



4.0 Remove the four (4) Phillips® screws located on the front of the coupler.



5.0 Remove the two (2) Phillips® screws located on the right side panel of the lift arm.



6.0 Remove the single (1) Phillips® screw located on the left side panel of the lift arm.

7.0 Using controlled force, push the coupler up from behind and release the white retention clips.



8.0 Release the white retention clips by pressing inward at the base of each clip leg.



9.0 Insert the white retention clips. Make sure the bottom edge of the clips is underneath the black ledge molding located on the rear side of the lift arm. Use a small standard blade screwdriver to "encourage" the clip over the ledge molding.

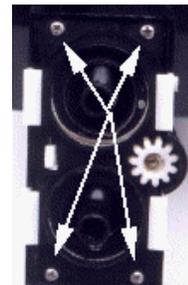


10.0 Press or push the coupler back into its original position.

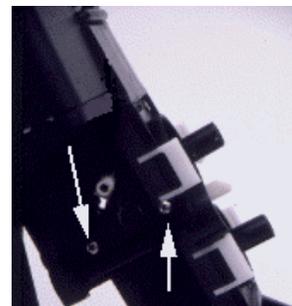
NOTE:

Each of the white retention clips should be positioned straight and flexible but not angled or rigid. If any of the white retention clips are angled and frozen, then the bottom of the clip is not positioned underneath or around the black ledge molding located on the rear of the coupler.

11.0 Replace the four (4) Phillips® screws you removed from the front of the coupler.



12.0 Replace the three (3) Phillips® screws you removed from the side panels of the coupler.

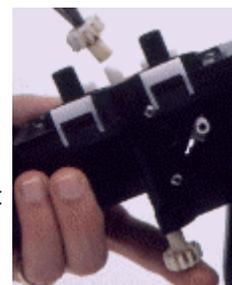


NOTE: The longest screw of these three Phillips® screws should be inserted near the upper right white retention clip. This Phillips® screw should almost touch the white retention clip, however it is important it is loose enough to allow the top right clip to move freely. Do not tighten this screw all the way! You should back the screw out a least one turn so it is raised enough so it will not bind the clip.

13.0 If you **DO NOT** have the grease syringe (*JOBO Part #95465*) nor a grease port located on the side of the transfer gear (a grease port will not be present in *JOBO Lifts* or *AutoLab Lift Arms* that are several years old), then skip to the next step.

Liberally lubricate the long shaft of the new transfer gear set with grease or petroleum jelly. Apply the grease all the way to both gears at each end of the set.

14.0 Replace the transfer gear set by inserting the gear and shaft (that was previously connected) in from the **REAR** of the coupler. If a washer was present behind the rear transfer gear during removal, make sure you replace the washer (*JOBO Part #34901*) behind the rear transfer gear. Then attach or snap the front transfer gear onto the transfer gear shaft located at the front of the coupler.



15.0 Apply a small amount of silicone sealant into the center of the front transfer gear and allow it to dry before use. This will prevent the shaft from disconnecting from the gear when processing with large or heavy drum loads.

16.0 If you **skipped Step 13** in this procedure, then perform this step.

If you performed Step 13 in this procedure, then skip this step.

If you have a grease syringe and a grease port located on the side of the transfer gear set, then inject the grease into the port. Inject enough grease into the transfer gear case until you see grease leaking out from around **BOTH** the front and rear transfer gears.

17.0 Inspect the backside of the coupler to make sure the clips are correctly in place.

18.0 A retention clip that has been installed correctly is straight and flexible. A retention clip that has not been installed correctly is angled and rigid.

19.0 If a retention clip is not positioned properly, use a small standard screwdriver to encourage it in place from the rear of the coupler.