

Side Head Lift R&R

For All Uniloy IBS Models

- 1.) Close the clamps and lock-out / tag-out.
- 2.) Remove the 5/8" pivot pins on both ends of the head lift assembly.
- 3.) Remove the sensor Prox-2 / limit switch LS-2 (down at the very bottom).
- 4.) Loosen the 3/8" set screw on the large nut on the bottom of the spline shaft.
- 5.) Support the head lift arms and remove the nut, the 1" thick donut, the spring, and the lower thrust bearing.
- 6.) Lower the head lift arms off the spline shaft. Be careful as it is a bit floppy!
The upper thrust bearing may be sitting on top or still stuck up on the shaft.
- 7.) On a work bench, separate the two arms by removing the (4 or 2) 3/8" shcs.
- 8.) Remove the center pivot block. Use a tapered wedge puller to remove what is left of the bearings off each end. Inspect the 1-1/8" I.D. bushing and replace it if necessary (part # 795003).
- 9.) Press the new bearings (part #695042) on, but do not seat them all the way down as to let the outer races touch the pivot block and hinder it from turning. Leave about a .020" - .030" space.
- 10.) Re-assemble the arms and align by inserting the (2) 5/8" pivot pins. The pins should move freely after the (4 or 2) 3/8" bolts are tight.
- 11.) Grease and place the upper thrust bearing on top of the pivot block with the turning surface facing up and then slide it back up on the spline shaft.
- 12.) Grease and slide the lower thrust bearing up with the turning surface facing down. Follow with the spring, then the 1" thick donut, then the nut. Bring the nut up to the end of the threads of the spline shaft (do not tighten). Secure with the 3/8" set screw.
- 13.) Install pivot pins and Prox-2 / limit switch LS-2.
- 14.) Check adjustment. With the clamps in the down position, there should be a gap between the upper thrust bearing and the shoulder of spline shaft (.020" - .050"). This is just to ensure that the spline shaft is sitting down on the mechanical stops under the head and not sitting on the thrust bearing. If necessary, adjust the 1" threaded rod on the right side pivot arm attached to the inject cross arm.