

## Slide Block Inspection & Maintenance – Skid-Lift 1505s / 1805s / 2306s

Although Skid-Lift LLC has seen very little wear on plastic slide blocks on our lifts, this can vary by usage, environment in which the lift is used, time in service, and condition of how the lift is used and stored.

Both upper and lower plastic slide blocks on the 1505s, 1805s, and 2306s are the same and should be inspected for wear and replacement as needed per inspection and maintenance guidelines. At a minimum, they should be inspected yearly or more if used daily or in harsh environments.

**Caution!** Failure to inspect slide blocks and replace as needed can result in the basket or scissor stack to feel loose in the slide block tracks. If not addressed properly, this could cause binding during operation of the lift which could result in damage to the lift or serious injury to the user.

### Upper Slide Block inspection:

To inspect the upper slide blocks, remove the end plate that is located under the end access door on the Skid-Lift basket. (The Skid-Lift may need to be put into the maintenance mode position to remove the end plate. This will give better access to the bolts and nuts on the backside holding the plate on). Measure the plastic slide block height with a tape measure as shown when the lift is in the maintenance mode position (maintenance bars in vertical position and fully seated on the maintenance bar rests – refer to owner's manual if unsure). Make sure the slide blocks are within the specification listed below.

### Specifications:

**Upper Slide Block Dimension – New**      4:00 Inches

**Wear Limit Dimension**    3.75 Inches      On or less than this dimension, rotate or replace slide block



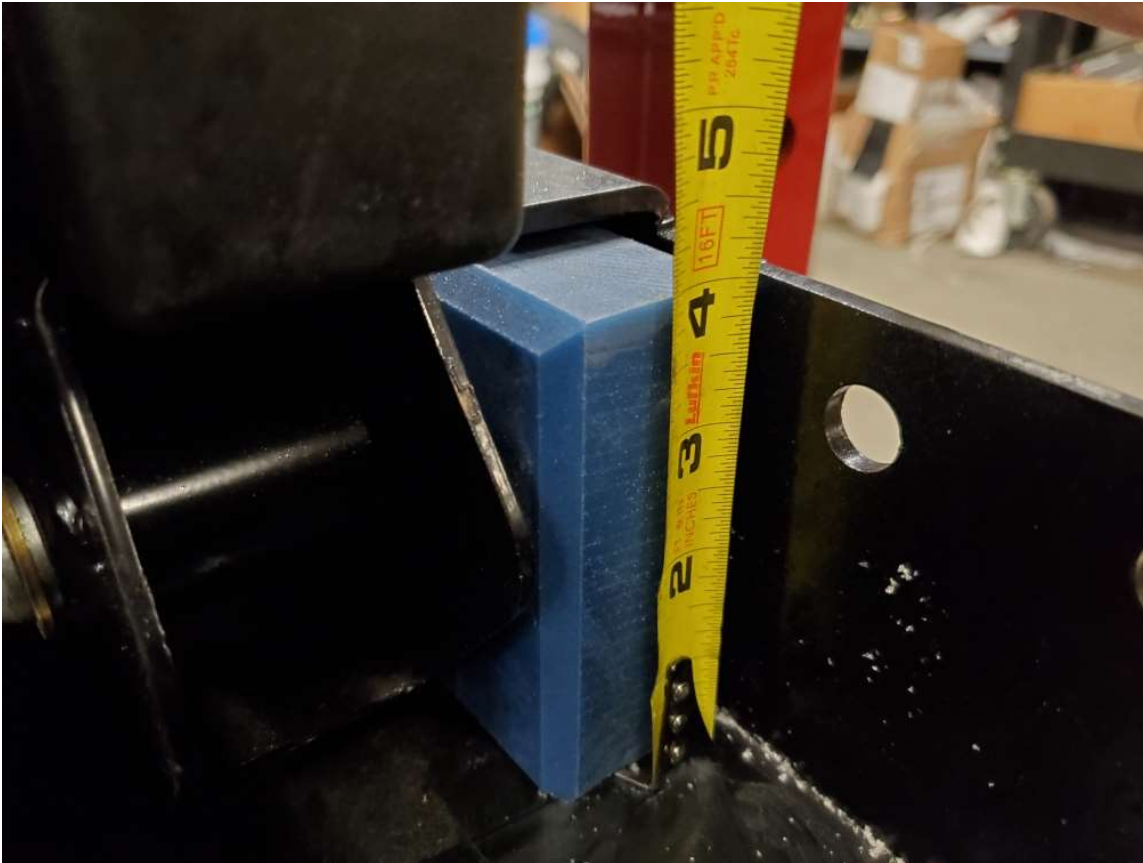
### Lower Slide Block Inspection:

To inspect the lower slide blocks, place the lift in the fully down position to give a good view of the slide block. Measure the slide block with a tape measure to make sure it is within the specification listed below.

### Specifications:

**Lower Slide Block Thickness Dimension – New** 4.00 Inch Thick

**Wear Limit Dimension** 3.75 Inch Thick On or less than this dimension, replace the slide block



**Caution!** Failure to inspect slide blocks and replace as needed can result in the basket or scissor stack to feel loose in the slide block tracks. If not addressed properly, this could cause binding in the slide rail during operation of the lift which could result in damage to the lift or serious injury to the user.

If either upper or lower slide blocks are out of spec, follow the procedure for removing the slide blocks on the following page.

## Replacement Procedure for the Upper and Lower Slide Blocks:

(This Procedure is the same for both the Skid-Lift 1505s, 1805s or 2306s Models)

**Before starting this procedure, make sure to have the new slide blocks if needed and 4 new snap rings for the pins. Locking bolts can be re-used once or twice, after that you should use new nylock locknuts. If you wish to have extra snap rings on hand, be sure to add to the number listed above. These can be ordered from Skid-Lift, LLC.**

### Upper Slide Blocks:

If the upper slide block is out of tolerance, remove the snap ring on the outside of the slide block through the access hole while the lift is in the fully down position. Best access is gained if the end plate located under the access door is removed. Also remove the lock nut and pin rotation lock bolt on the inside of the scissor stack for that pin. Using a punch and a hammer, tap the pin from the outside towards the interior of the lift so the slide block can be slid out of position and removed from the track.

A worn-out slide block would mean the slide block is under 3.75" in length when measuring it from top to bottom. When replacing a plastic slide block, the hole should be closer to the bottom of the track to provide clearance on the basket. The hole in the plastic slide block is offset and not centered in the slide block. Using a rubber mallet or dead blow hammer, tap the pin into place. Align the bolt and lock nut on the inside of the scissor lift and use a new snap ring when re-installing on the outside of the pin.

### Lower Slide Blocks:

If the lower slide blocks are showing wear and are out of spec, follow this procedure to change the lower slide blocks.

First, raise the lift base frame with your skid steer or tractor (or a forklift or fork attachment) and extend the legs all the way down so that access under the lift can be gained. With the scissor stack in the fully down position, remove the snap rings on the lower outer arm pins. Then remove the pin rotation lock bolt and lock nut. Use a punch and hammer to tap the two pins on the lower arm about halfway out. It is best to do this one at a time. Remove the slide block and replace it if needed.

Replace the lower slide blocks. Be sure to put the hole facing up so that longer part of the slide block is facing down ensuring proper clearance between the base frame and the scissor stack. Use a soft hammer to tap pins back into position from the interior of the lift. Line up the lock bolt holding holes and insert bolt and lock nut. Replace outer snap rings with new ones if they have been removed. (never re-use snap rings as they can distort easily and have less holding power) Repeat on the other side. Raise lift frame and adjust support legs to proper position for your skid steer or tractor. Test to be sure that no binding takes place and slide blocks move freely in the track.

**Note:** It is important to keep slide rails free and clear of debris, dirt, and grit to ensure proper operation and to reduce wear. Skid-Lift, LLC does recommend using an air hose to blow out the track or use a garden hose to flush the track periodically. Never grease the track as it will attract and hold dirt and debris.