

Slide Block Inspection & Maintenance – Skid-Lift 1530s / 2230s

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 1530s and 2230s 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



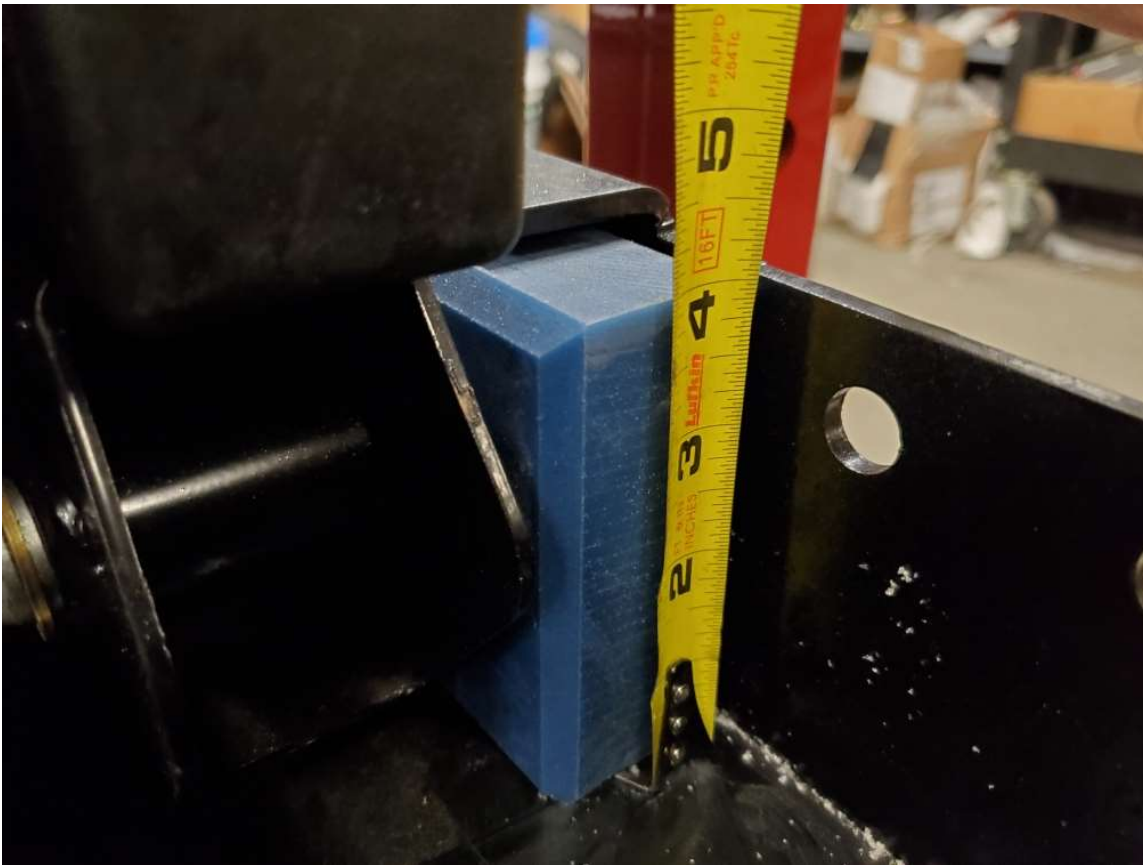
Lower Slide Block Inspection:

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 rotating or 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 1530s or 2230s Models)

Before starting this procedure, make sure to have the new slide blocks if needed and 10 new snap rings for the pins. In most cases, it is only necessary to remove the snap ring on one side of the pin. 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. 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.

The slide block can then be rotated 90 degrees for it to be back into specification if this side has never been used. This can be done once and after that, slide blocks do need to be replaced. A worn-out slide block would mean the slide block is under 3.75" in length in both directions when measuring it. (slide blocks are symmetric so they can be rotated once to give a new slide block surface). Be sure to re-grease the pin (using grease described in the pin lubrication bulletin). Using a rubber mallet or dead blow hammer, tap the pin into place and use a new snap ring when re-installing.

Lower Slide Blocks:

If the lower slide blocks are showing wear and are out of spec, follow this procedure to rotate or 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. Use a punch and hammer to tap the two pins on the lower arm about halfway out. Remove the arm and either rotate the slide block or replace it if needed.

Re-grease the bushings on the outer arm and the pins that are sticking halfway out on the backside of the inner arm. Replace the lower outer arm and line up the pin holes. Use a soft hammer to tap pins back into position from the interior of the lift. You will need to lay under the lift to tap in the middle pin. Replace snap rings with new ones. (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.