

## Slide Block Inspection & Maintenance – 2030E HD / 1934E HD

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, and condition of how the lift is used and stored. Both upper and lower plastic slide blocks 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 machine 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 giving better access to the center bolt on the plate). Measure the slide block with a tape measure when the lift is in the down position to make sure it is within the specification listed below.

If the upper slide block is out of tolerance, the pin can be removed, the slide block slid out of the track, and it can be rotated 90 degrees for the slide blocks to be back into spec. This can be done once and after that, slide blocks do need to be replaced. (slide blocks are symmetric so they can be rotated once to give a new slide block surface).

### Specifications:

**Upper Slide Block Dimension – New**     3.375 Inches

**Wear Limit**     3.00 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**                      3/4 Inch Thick

**Wear Limit**        1/2 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 and/or slide block attachment bolts to catch on the slide rail during operation of the lift which could result in damage to the machine or serious injury to the user.

### Replacement of Lower Slide Block:

**On 2030E HD** – Remove the 4 allen head countersunk lower slide block bolts and replace slide block with a new one. Be sure to use blue thread lock (by Permatex or other suitable brand) on the threads before installing the countersunk bolts.

**On 1934E HD** – Remove the upper lock nuts and then the 2 allen head countersunk lower slide block bolts and replace slide block with a new one. Be sure to use blue thread lock (by Permatex or other suitable brand) on the threads before installing the countersunk bolts. Also be sure to replace the 2 lock nuts on top of the slide blocks.

**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.