Rear Roller Spacing Adjustment Instructions  
For SwapLoader Hook-lift Hoists

INTRODUCTION:

Industry standard for the outside rail width dimension on subframe longsills is either 40-1/2” or 41-5/8” (see illustration below). For most 35-5/8” hook height (100 series) and 53-7/8” hook height (200/300 series) subframes the outside width dimension of the longsill rails is 41-5/8”. For most 61-3/4” hook height (400 series) subframes the outside width dimension of the longsill rails is 40-1/2”.

From this point forward we will refer to the rear rollers setup for 40-1/2” outside width as ‘narrow spacing’ and rear rollers setup for 41-5/8” outside width as ‘wide spacing’.

![Diagram of subframe longsills with rear rollers showing 40-1/2” or 41-5/8” outside rail width dimension]

SUBFRAME STANDARD WIDTHS

HOIST STANDARD:

All SwapLoader hooklift hoists are made so that the rear rollers can be spaced at either the wide spacing or narrow spacing depending on the subframe design (the only exception is the SL-105 which can only accommodate a ‘wide spacing’ or 41-5/8” outside width). Unless instructed otherwise SwapLoader will ship hoists with the rear rollers setup per the previously discussed industry standard for a given hook height of subframe, or as detailed in the chart below.

<table>
<thead>
<tr>
<th>Subframe Hook Height (series)</th>
<th>Hoist Models</th>
<th>Standard Roller Spacing</th>
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<tbody>
<tr>
<td>35-5/8” (100 series)</td>
<td>SL-105, SL-145, SL-180 &amp; SL-185</td>
<td>41-5/8” (wide width)</td>
</tr>
<tr>
<td>53-7/8” (200 &amp; 300 series)</td>
<td>SL-220, SL-222, SL-240 &amp; SL-2418</td>
<td>41-5/8” (wide width)</td>
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Rear Roller Spacing Adjustment Instructions (continued)

NARROW TO WIDE ROLLER SPACING ADJUSTMENT:

To change a hoist from the narrow roller spacing to a wide roller spacing follow these instructions:

1. Loosen and remove the retaining bolts, washers and roller retainer.
2. Remove the roller spacer and rear roller from the hoist roller shaft.
3. Place the roller spacer on first; then place the rear roller back on the roller shaft.
4. Replace and tighten the retaining bolts, retaining washer and roller retainer.

WIDE TO NARROW ROLLER SPACING ADJUSTMENT:

To change a hoist from the wide roller spacing to a narrow roller spacing follow these instructions:

1. Loosen and remove the retaining bolts, washers and roller retainer.
2. Remove the rear roller and roller spacer from the hoist roller shaft.
3. Place the rear roller on first; then place the roller spacer back on the roller shaft.
4. Replace and tighten the retaining bolts, washers and roller retainer.