Replacement Instructions
Sliding Fifth Wheels

Manual Release Lever Replacement Instructions
RK-03156 Manual Release Lever Replacement Kit for Traditional Sliding Fifth Wheels

Introduction
This document contains the instructions necessary for replacing manual release levers on traditional sliding fifth wheels using kit number RK-03156.

1. Disassembly
1. Use a Holland TF-TLN-2500 Spring Compressor to compress the plunger engagement springs (Figure 2).

**IMPORTANT:** Keep fingers and hands away from any potential pinch points in the event that the spring compressor accidently slips off its mounting points.

**CAUTION** Failure to keep fingers and hands clear of the spring compressor may cause potential pinch points which, if not avoided, may result in minor to moderate injury.

2. Remove the plunger retaining pin (Figure 2) and discard manual release lever (or air cylinder) assembly.

**IMPORTANT:** DO NOT discard the plunger retaining pins as they will be necessary for re-assembly.

**Figure 1**

**RK-03156 Kit Contents**

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<th>DESCRIPTION</th>
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<td>Bushing</td>
<td>XA-03082</td>
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<td>2</td>
<td>Button Head Cap Screw</td>
<td>XB-03730-1</td>
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<td>3</td>
<td>Release Lever</td>
<td>XA-03748</td>
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<td>4</td>
<td>Pivot Plate</td>
<td>XA-02748-1</td>
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**Figure 2**
2. Assembly

1. Assemble the components of RK-03156 as shown in Figure 3.

2. Install assembled hardware onto the bracket while sliding clevis ends over the plunger tails (Figure 4).

3. Install one of the previously removed plunger retaining pins into clevis (Figure 4). To hold pin in place, exert slight pressure using the TF-TLN-2500 against the clevis arm.

4. Slowly release the pressure on the spring with TF-TLN-2500 until the retainer encloses the pin. Repeat for the other side.

5. Remove spring compressor and check for free movement of the clevis arm.

6. Using a mallet, tap both locking plungers to check for full engagement.

7. Position pivot bracket flush against the edge of slide plate tie plate and center (Figure 5).

8. Using a minimum of a 1/4" x 1/4" weld, tack weld pivot bracket in three places (Figure 5).

9. Check for proper operation of release mechanism and full engagement of both plungers.

NOTE: If the mechanism doesn’t function properly, check for any obvious obstructions or binding pivots. If one of the plungers doesn’t fully engage, break the tack welds and reposition the pivot, repeating Steps 7 and 8.

10. If mechanism functions properly, complete the welding of pivot bracket with three additional 1/4" x 1" welds (Figure 5).

For further information and to order replacement parts, contact SAF-HOLLAND Customer Service or go online to www.safholland.us.