NOTE: For more details, refer to Hendrickson literature number L715 SURELOK® Installation Procedures. Not applicable to purchases after October 2015.

For general safety and precautionary statements, refer to Hendrickson literature number T12007, available at www.Hendrickson-intl.com/TrailerLit.

### INSTALLING RESTRAINING BOLT

1. Enlarge bolt holes in the actuator bracket to \( \frac{5}{8} \) inch and in rear crossmember to \( \frac{3}{8} \) inch (Figure 1 and Figure 4).
2. Place hardened flat washer onto bolt. **IMPORTANT:** Expose only two threads of bolt past flanged nut.
3. Insert bolt with hardened flat washer through bolt hole in actuator bracket and through bolt hole in rear crossmember (Figure 2).
4. Thread flanged nut onto bolt and tighten until two threads are visible past the nut (Figure 2).

### INSTALLING RETURN SPRING

1. Hook one end of return spring into actuator bracket (Figure 3 and Figure 4).

---

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>C-24488</td>
<td>Actuator</td>
</tr>
<tr>
<td>2</td>
<td>A-24482-1</td>
<td>Speed nuts</td>
</tr>
<tr>
<td>1</td>
<td>B-24495</td>
<td>Return spring</td>
</tr>
<tr>
<td>1</td>
<td>SA-1100-30</td>
<td>3/8&quot;-16 x 6&quot; UNC grade 8 bolt</td>
</tr>
<tr>
<td>1</td>
<td>SA-1500-35</td>
<td>Hardened flat washer</td>
</tr>
<tr>
<td>1</td>
<td>SA-7000-3</td>
<td>3/8&quot; Flanged nut</td>
</tr>
</tbody>
</table>

Table 1: SURELOK® actuator mechanism components
2. **Point** opposite spring hook toward rear crossmember.

3. **Stretch** return spring over rear crossmember and hook into hole provided (Figure 3).

4. **Verify** return spring has tension; lock ride height lock assembly in the forward position.

   If the return spring has tension, go to **INSTALLING ACTUATOR** procedure.

   If tension is not present, continue with the following steps:

   A. **Remove** the return spring.

   B. If needed, readjust leg assembly. **Move** legs as far forward as possible.

   C. **Torque** bolts to 100±10 ft. lbs. (140±9 Nm). Refer to Hendrickson literature number L715 for procedure on readjusting leg assembly.

   D. **Repeat** procedure from Step 1.

**INSTALLING ACTUATOR**

1. **Place** air spring stud into mounting hole in the actuator bracket (Figure 4).

2. **Place** other air spring stud into mounting hole in rear crossmember (Figure 5).

3. **Install** speed nuts with hammer and square end of any 1/2 inch deep-well socket.

4. **Tighten** air line fitting onto air spring. Torque to 10±1 ft. lbs. (14 Nm).

5. **Connect** air line to emergency air service line; refer to B-23656 SURELOK® Plumbing Schematic.

6. **Route** line back to air spring actuator at rear of slider box.

**CHECKING SURELOK OPERATION**

1. Fill the air tank and air springs from shop air or an attached power unit.

   **CAUTION:** Trailer brakes release during this step. STAY CLEAR of the trailer when SURELOK disengages, and the trailer rises.

2. Cycle SURELOK through engagement and disengagement to check for proper operation.

3. Check connections and air line for air leaks. If a loose connection exists, tighten connection according to step 4 in **INSTALLING ACTUATOR**. If the air line has a leak, replace it.

4. Check ride height. If necessary, adjust to designed ride height. Refer to Hendrickson literature number L459 for procedure.