Tuckunder Cart Stop Replacement

These instructions will aid you in replacing the cart stop flippers or torsion springs in an aluminum tuckunder platform.

Preparing for the Repair

1. **Verify** that you have the parts needed for the scope of the repair you are completing (Figure 1 and Table 1).

2. **Unlatch** and **Lower** the platform to the ground.

3. **Disconnect** the liftgate power cable from the positive side of the battery or manually **Trip** the circuit breaker (Figure 2).

### Table 1: Parts List.

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>Center Cart Stop Hinge Pin</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Cartstop Flipper (Left)</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Cartstop Flipper (Right)</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>Cart Stop Center Hinge Bushing</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>Cart Stop Spacer</td>
</tr>
<tr>
<td>6</td>
<td>4</td>
<td>Torsion Spring</td>
</tr>
</tbody>
</table>

Figure 1: Parts Identification.

Removing The Cart Stop Flippers

4. **Remove** the weld between center hinge bushing and the platform taper.
   Only the side to be repaired needs to be removed.
   Use a hand held grinder or other tool to grind the weld out.

5. **Lift** up and **Support** the center hinge bushing cut loose in previous step.

6. **Remove** the flipper(s) and hinge pin(s) by pulling them out of the end hinge bushing.

Figure 3: Cart stop terminology.
Assembling the Cart Stops

7. **Assemble** the flipper as shown in Figure 4.

8. **Insert** the hinge pin with flipper into the corresponding end hinge bushing. Be sure not to forget the torsion springs.

9. **Weld** center bushing to platform.

10. **Repeat** steps 7-9 for the other flipper, if replacing.

11. **Verify** operation of the cart stop.

![Figure 4: Cart stop assembly.](image)

Finishing the Repair

12. **Connect** the liftgate power cable to the positive side of the battery or manually **Engage** the circuit breaker.

13. **Raise** and **Close** the platform.