

# Replacement 12" Bolt-On Taper Instructions - Rail Gate

## Removing the Old (Damaged) Taper

**WARNING!** The platform could weigh up to 400 lbs.  
Use appropriate lifting equipment or personnel in the next steps.

1. **Unlatch, Open, and Lower** the platform until it is resting flat on the ground (Figure 1).
2. **Remove** the six (6) 3/8" hex cap screws, three (3) per side (Figure 2).
3. **Rotate** the taper section up (Figure 3). The cart stop springs are compressed in the ends of the taper section and may come out during this step.
4. **Remove** cart stop springs from taper section (Figure 3).
5. **Raise** the taper section up while in the rotated up position (Figure 4).

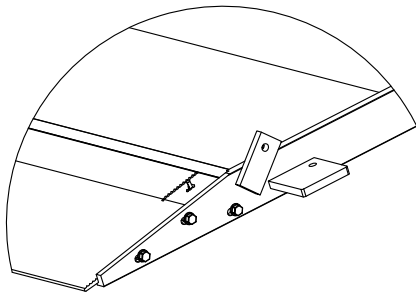


Figure 1: Platform on ground.

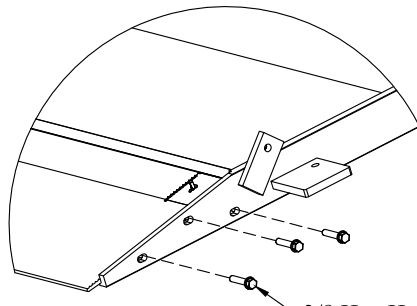


Figure 2: Screws removed.

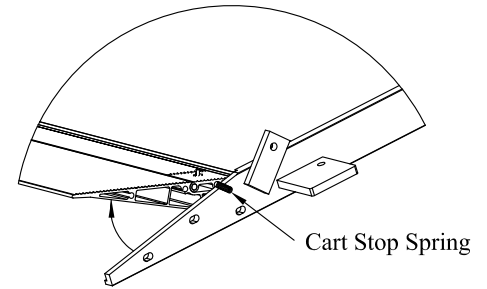


Figure 3: Taper rotated up.

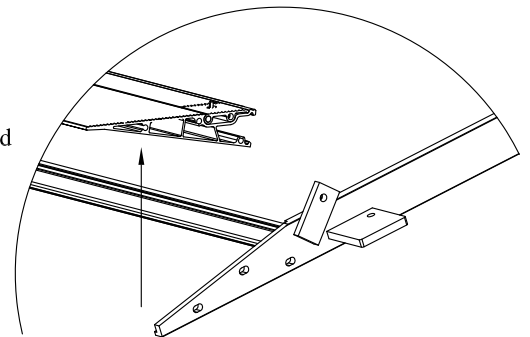


Figure 4: Taper removed.

## Installing the New Taper

1. **Lower** the taper down while in a rotated up position (Figure 5).
2. **Hook** the taper section into the adjacent platform section.
3. **Insert** the cart stop springs into the ends of the taper section (Figure 6).
4. **Rotate** the taper section down while **holding** the cart stop springs compressed in the ends of the taper section (Figure 6).
5. **Apply** thread locker (Loctite<sup>®</sup> 263 or equal) on the full length of exposed thread of each 3/8" hex cap screw (Figure 7).
6. **Start** to thread each 3/8 hex cap screw through the lid end and into the taper section (Figure 7).
7. **Tighten** each 3/8 hex cap screw to a torque of 300 in-lb (25 ft-lb).
8. **Raise, Close, and Latch** the platform.

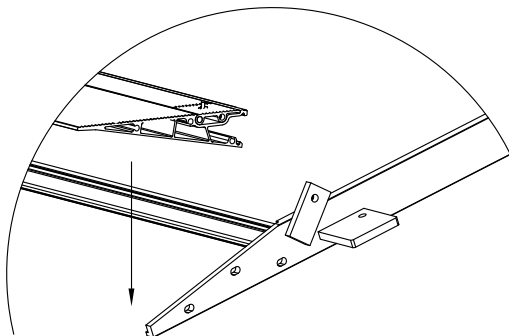


Figure 5: Taper positioning.

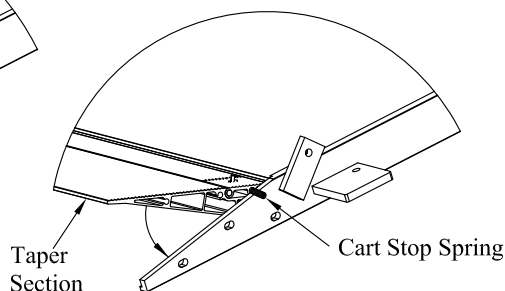


Figure 6: Cart stop spring location.

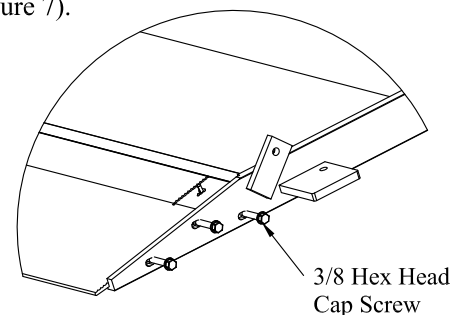


Figure 7: Screw location.