

Repair Tuckunder EA Platform Support Arm Instructions 2500/3000 Models

These instructions will assist you in replacing an EA platform supports on a Tuckunder Series Tommy Gate lift.

WARNING! The platform could weigh up to 350 lbs. Use appropriate lifting equipment or personnel to complete this repair.

Removing the Platform

1. **LOWER** the platform from the stowed position until the springs are loose on the platform (Figure 1).
2. **REMOVE** the 3/8" x 3-1/2" spring bolts (Figure 2).
3. **REMOVE** the spring holder plates, coil spring holders, and coil springs (Figure 2).

CAUTION: The platform will be heavy in the next step without the torsion springs wound.

4. **ROTATE** the platform pin slightly (1-2°) to **REMOVE** the 3/8" x 3-1/2" SHCS pin bolts (Figure 2).
Note: Rotate platform pin clockwise on drivers side and counter clockwise on passenger side as viewed from center of platform looking out.
5. **DEPLOY** and **LOWER** the platform a comfortable working height (Figure 3).
6. **SUPPORT** the platform to keep it from falling in the next step.
7. **ROTATE** platform slightly to relieve pressure on hinge pins and **ADJUST** platform supports.
8. **DRIVE** the platform pins towards the center of the platform to remove (Figure 3).
9. **UNBOLT** the platform supports from the platform.
Note: Complete this step only if the platform is to be reused.

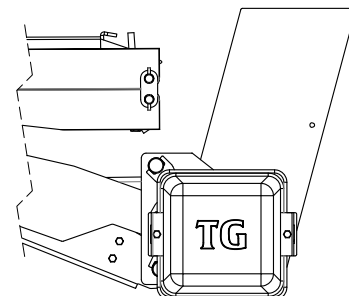


Figure 1: Platform Folded and Level.

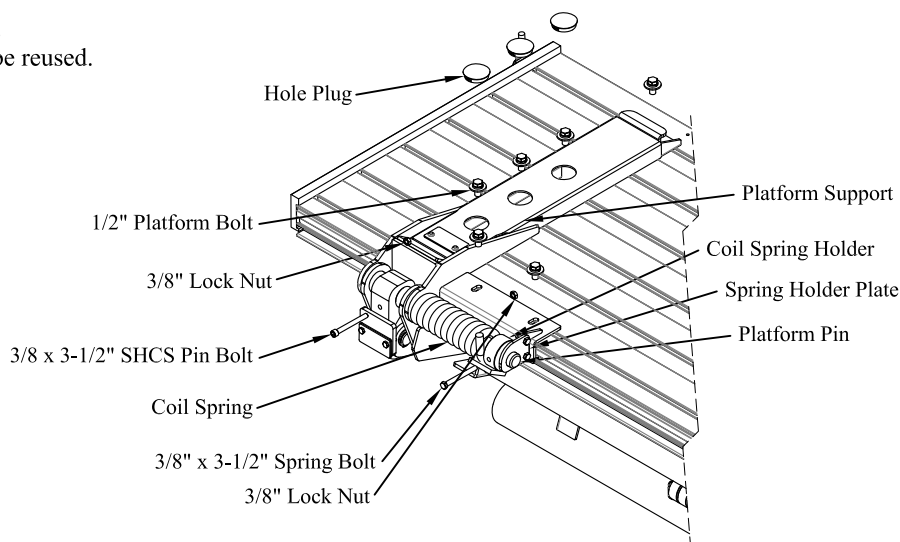


Figure 2: Platform Hardware (other side similar).

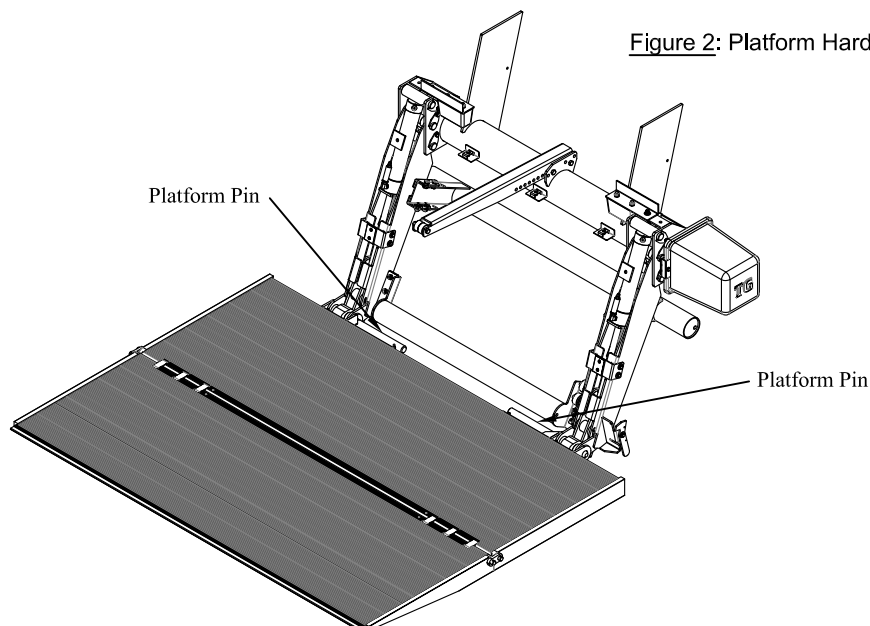


Figure 3: Platform Lowered.

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Installing Platform

1. **BOLT** the new platform supports to the bottom of the main platform section (Figure 9).
2. **POSITION** platform supports in line with platform links (Figure 7).
3. **INSERT** new platform pins through platform supports and platform links from center outward (Figure 7).
4. **ALIGN** groove in platform pin with hole in platform link (Figure 7).

CAUTION: The platform will be heavy in the next step without the torsion springs wound.

5. **FOLD** the flipper and main platform.
6. **RAISE** the platform to a horizontal position (Figure 8).
7. **ALIGN** holes in platform pins with holes in platform links so groove for coil spring holders is on top (Figure 9).
8. **APPLY** Anit-Seize to the 3/8" x 3-1/2" SHCS pin bolts and **INSTALL** (Figure 9).
9. **INSTALL** coil springs, coil spring holders and spring holder plates (Figure 9).
10. **INSTALL** the 3/8" x 3-1/2" spring bolts (Figure 9).
11. **TEST** for proper operation.
12. **RAISE** the platform into the stowed position.

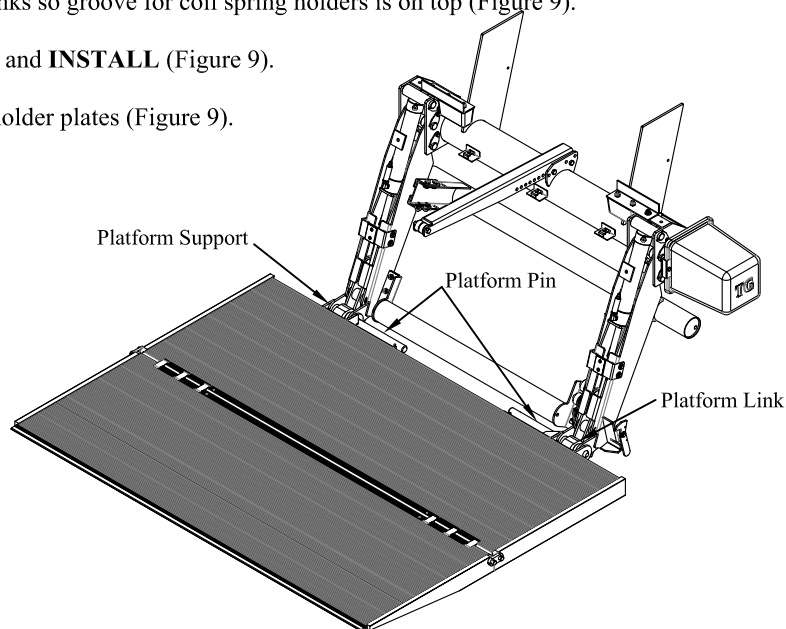


Figure 7: Installing Platform.

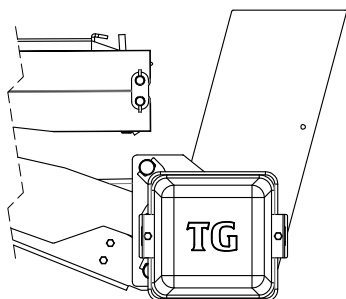


Figure 8: Platform Folded and Level.

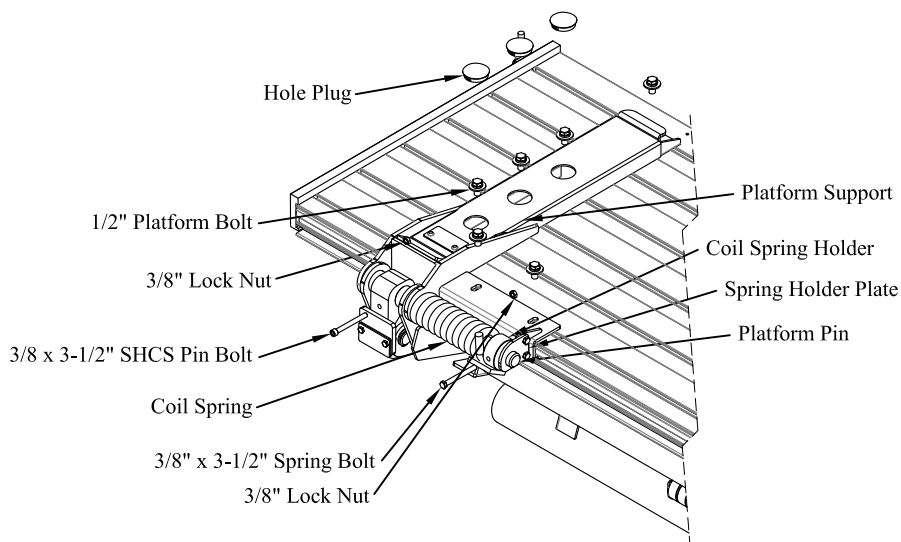


Figure 9: Platform Hardware (other side similar).