

ULTRA LIFT™

Model RTA Rough Terrain Attachment Assembly Procedure

I. Overview



The Rough Terrain Attachment adds stability and greatly reduces operator effort required to move loads over many types of difficult surfaces:

- Rough paved surfaces
- Unpaved areas such as dirt, rock and gravel
- Soft surfaces such as lawns, sand and snow

The RTA is a “big wheel” version of the standard 4 Wheel Dolly provided on every Ultra Lift. The removable RTA Tripod Frame locks to the standard Leverage Bar to form a four wheel dolly which rides on 16” pneumatic wheels rather than 4” swivel casters. The 16” pneumatic wheels roll easily over rough terrain and have much less tendency to sink into soft terrain than the standard casters do.

II. Components

1. Tripod Mounting Bracket. The bracket is welded to the Ultra Lift Main Frame just below the battery box (see instructions to retrofit a bracket).
2. RTA Tripod
3. Tripod Axle
4. RTA Main Axle and Wheels (not pictured)



III. Assembly Procedure

1. Start with your Ultra Lift in an upright position. The standard caster tripod should be locked against the Main Frame.
2. Attach the top end of the RTA Tripod to the Mounting Bracket with the Tripod Axle.
 - a. Remove the clip pin and one flat washer from the Tripod Axle. Slide the second flat washer against the cotter pin on the opposite end of the axle.
 - b. Position the RTA Tripod over the Mounting Bracket so that the two 5/8" holes in the RTA Tripod line up with the 5/8" holes in the Mounting Bracket.



- c. Connect the top end of the RTA Tripod to the Mounting Bracket by sliding the Tripod Axle through both and replacing the second flat washer and clip pin.



3. Connect the bottom end of the RTA Tripod to the Leverage Bar with the RTA Main Axle.
 - a. Remove the clip pin and three flat washers from the RTA Main Axle. Slide the remaining washer against the cotter pin on the opposite end of the axle.
 - b. Slide one wheel onto the axle, followed by a flat washer.
 - c. Position the RTA Tripod and Leverage Bar so that the 3/4" tubes on the sides of the Tripod are aligned with the 3/4" tube on the Leverage Bar.



- d. Connect the bottom end of the RTA Tripod to the Leverage Bar by sliding the RTA Main Axle through both. Add a flat washer, the second wheel, another flat washer, and clip pin to complete the RTA Assembly.



****CAUTION: Remove the RTA Assembly before attempting to climb stairs!**