

## Basic TiltPlate Installation Instructions V2

- Tilt tower to the horizontal position
- Install the TiltPlate on the antenna mast
- Install just the boom on the TiltPlate if you are building the antenna in place. If you are installing a pre-built antenna AND you are also installing a KARLock, you can use a short piece of boom sized tubing to properly set the KARLock catch plate.
- Install the optional KARLock before completing the antenna build or installing a pre-built antenna. See the “KARLOCK FAQ” for details.
- Level the boom. The process varies based on the type of antenna and whether you are building the antenna in place or installing a pre-built antenna. See the “leveling FAQ” for details.
- Install the boom truss mast and boom truss cables if applicable to your antenna
- Finish building the antenna if applicable.
- Raise the tower and verify the elements are level. If you have the optional KARLock, verify that the catch plate is properly located and catch hook swings freely with  $\frac{1}{4}$ ” to  $\frac{1}{2}$  inch clearance.
- Finish up any cabling etc.

Note: the antenna elements on the “tower side” will be angled up slightly when the tower is tilted over.

The antenna elements “away from the tower” will be closer the ground. You may find that lifting them up with sawhorses prevents them from digging into the ground.

