

Mobile Antenna Range Installation Instructions



Range in Transport Configuration attached to Antenna Van



Range Fully Deployed

Trailer Hitch Assembly Attached to Van



Note trailer hitch assembly. Two assemblies are located in trailer. One set up for turntable trailer, the other for storage trailer. Pictured is assembly for turntable trailer.



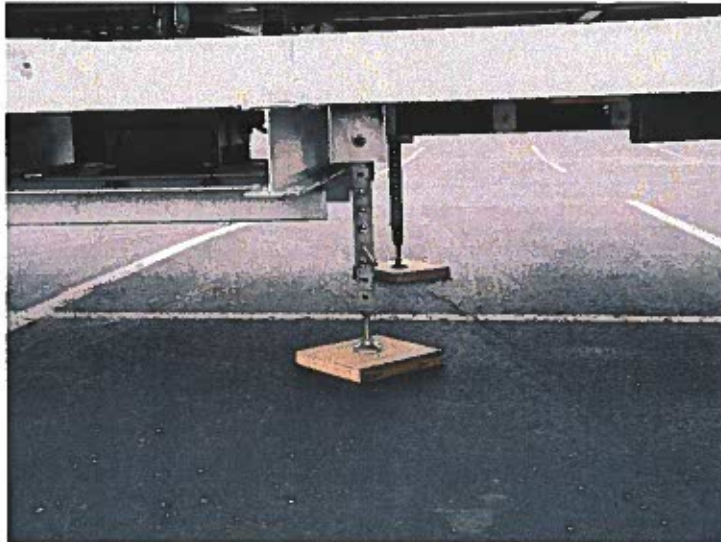
Note load leveling hardware assembly.

Jack Stand in travel position:



Lower Jack Stands from Travel Position, 12 total. Remove lower bolt, loosen upper swing down into position.

Assembled Jack Stand/Block:



Assemble 12 Jacks into stands, place block underneath, tighten until snug. If grade is not flat, some remount of stands to trailer may need to occur, and stands may need to extend to lower mounting bolt. Be sure to use 2 washers per screw, one bolt side one nut side. Tools needed for this step are the electric impact wrench, $\frac{3}{4}$ inch socket and $\frac{3}{4}$ inch combination wrench.

Level Trailer

Using 4 foot level, perform preliminary leveling. Check all sides, find highest corner of trailer. Using jack stands, raise rest of trailer level to that point. Be sure when raising a corner, use the 3 stands in that corner to spread the load to prevent possible twisting of the trailer. . When level, make sure all Jack stand bases are contacting the blocks. Finger tighten lock nut on jack screws into place. Leveling will need to be repeated when entire track assembly is together and side wings are lowered.

Locate Track Spokes



Find 7 spokes for each side, L is for driver side, R for passengers side, start with #1 at front of trailer. Place in preliminary position.

Assemble Jack Stands, Connect Spokes to Trailer



Assemble Jack Stand and attach to spokes as shown with blocks, connect spokes to trailer, do not final tighten yet.

Level Spokes



Perform a preliminary leveling of spokes using 4 foot level, adjusting jack stands.

Assemble Track

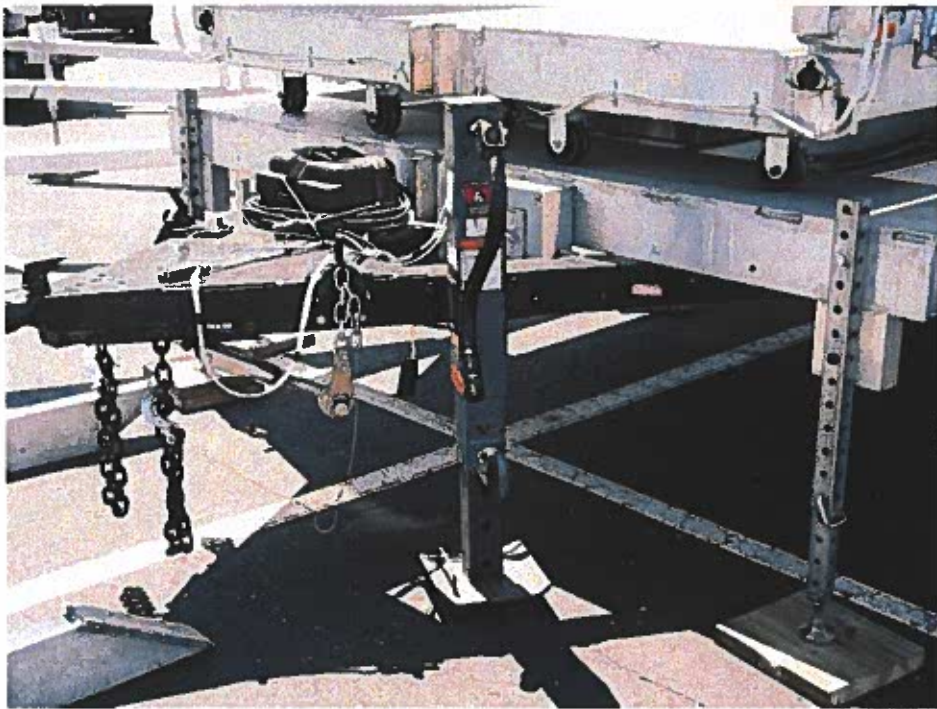


Locate, start placing track pieces into place, do not tighten screws yet. Pieces are labels and location specific.





Remove Trailer Tongue Jack

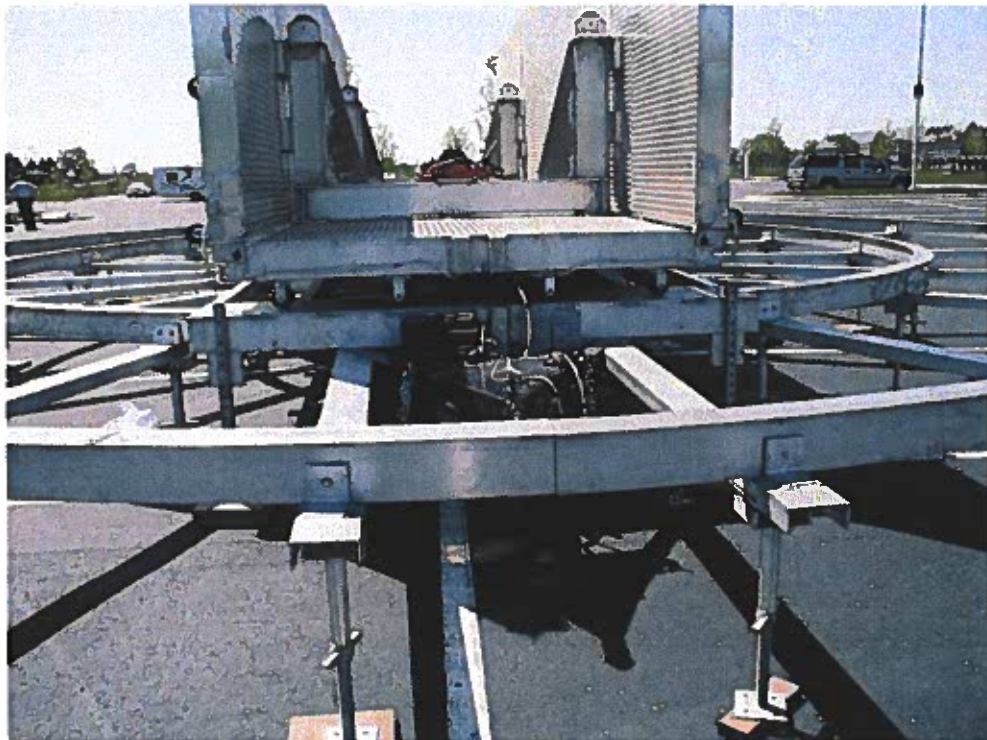


Tongue Spokes



Locate 2 spokes, add jack stands, attach to side of trailer tongue, level.

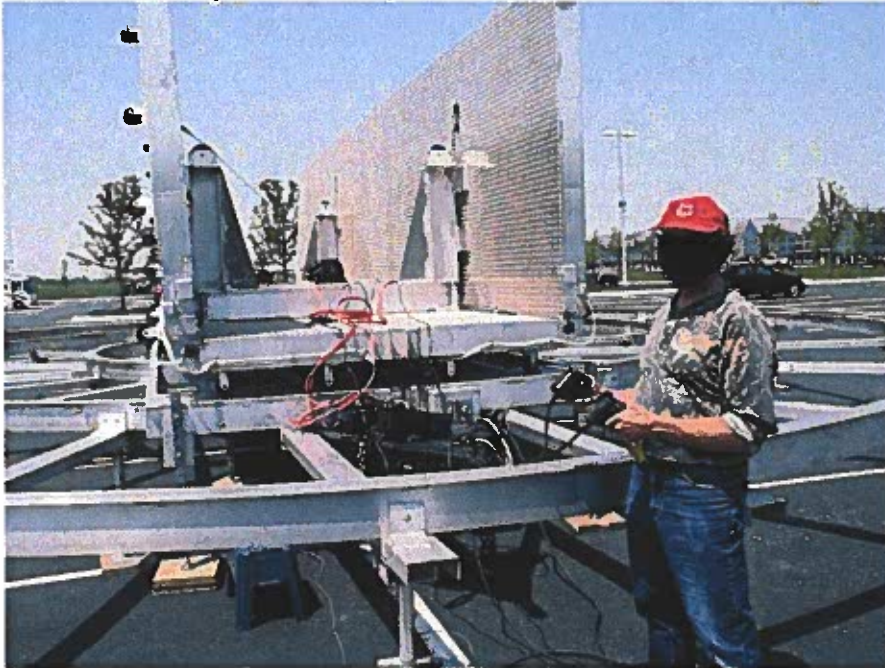
Complete Track Assembly

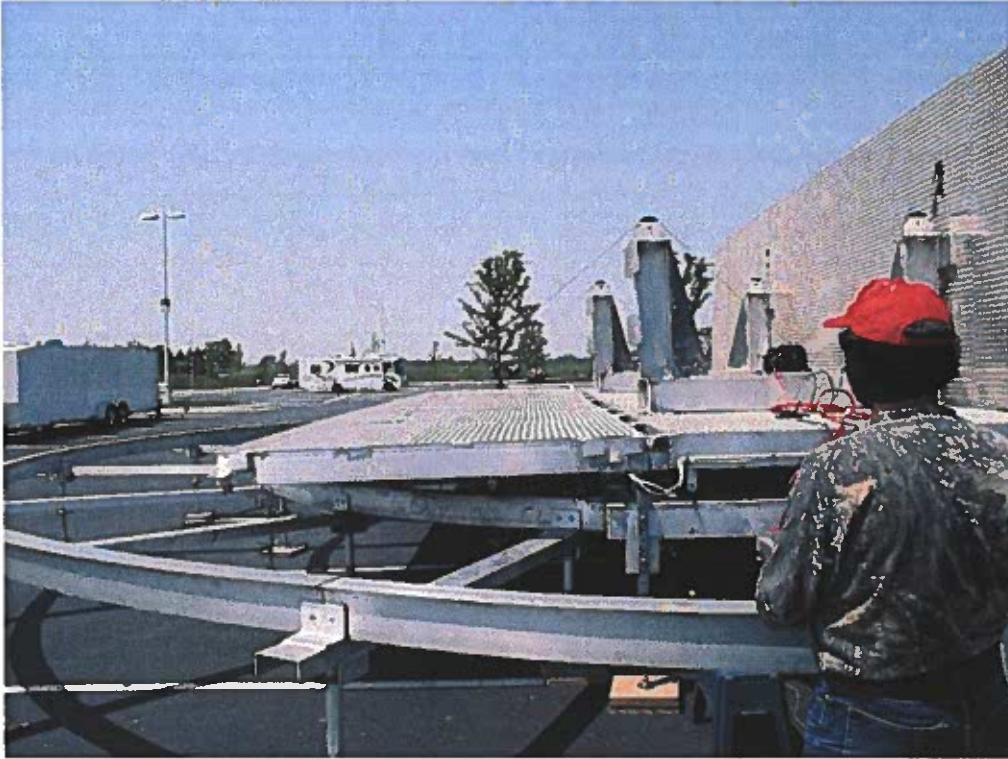


Level with tripod, laser level and detector



Connect Battery to Winches, Lower Sides





Remove Side Shipping Supports



Assemble Panel Supports



Place Hinge Cover Inserts

