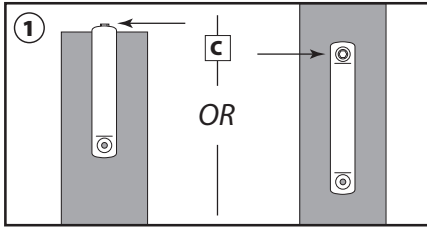
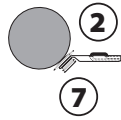
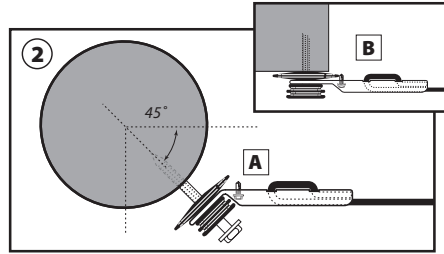
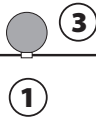


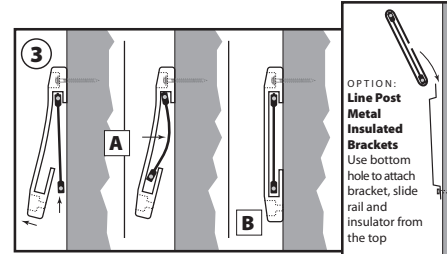
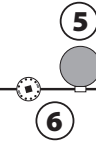
# HOTTOP® & HOTTOP®PLUS - ELECTRIFIABLE RAIL— BASIC INSTALLATION GUIDE



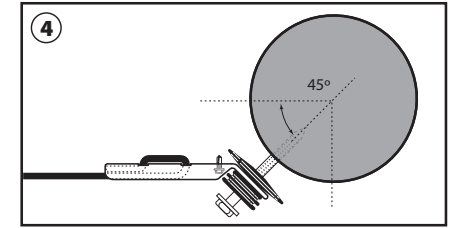
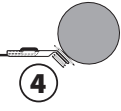
- Attach brackets to line posts
- Find the center tangent of each post - this will reduce binding
  - Use a tape measure or a marking board to locate and mark the top of each bracket - *from the top down*
  - Attach Insulator Brackets and Top Insulator Brackets - *Top hole only!*



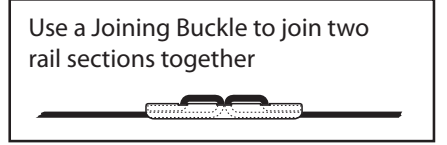
- Install rail onto selected end buckle and attach to end post
- Pre-Bent 45° Attaching Insulated Buckle attach at a 45 degree angle leaving the lag screw partially out
  - OPTION:** Straight Attaching Insulated Buckle - for use on a flat surface such as a building - **Note:** *Tighten the lag screw*
  - IMPORTANT:** *Do Not Overtighten!*



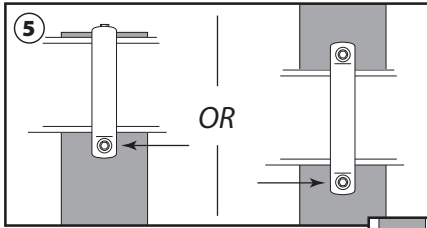
- Payout rail and insert into brackets  
To best protect the rail - Use either a "Payout Box" or an oversized spinning jenny
- Lift and cup rail (*with thumbs*) simultaneously to click in place
  - Align Insulator Brackets to right angle of rail - allowing for movement



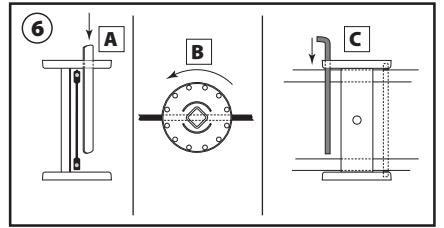
- Install other end of rail using the proper end buckle
- Tighten lag screw halfway
  - Leave sufficient length in rail to allow proper tensioning (*see Step 6*)



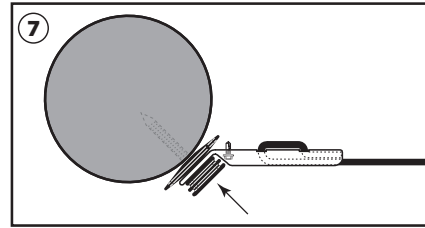
Use a Joining Buckle to join two rail sections together



- Finish attaching all brackets to line and end posts
- Bottom hole for Insulator Brackets and Top Metal Insulated Bracket
  - Top hole for Line Post Metal Insulated Brackets
  - Bracket must be at right angle to rail - allowing for movement



- Install Spooler and tension the fence  
For aesthetics - place Spooler 12" (305mm) min. from line post
- Place Spooler on rail and slide "removable" hub piece into place
  - Allow for one full rotation before becoming taut
  - Place locking pins into pre-drilled holes, opposite each other, to stop the Spooler from unwinding



- Complete your fence installation by fully tightening the lag screws from (*Step 2 and Step 4*) - this will also further tension the rail!
- IMPORTANT:** *Do Not Overtighten!*

## HARDWARE AND ACCESSORIES

- INSULATOR SCREWS:** Use Wide Shoulder #8 - 2" minimum; 5/16" (#8 - 50mm minimum; 8mm) Hex Head Drive Screws Only
- LAG SCREWS:** 1/2" x 4" thru 6" (12mm x 100mm thru 150mm)
- BENDING TOOL:** for Simplicity and Neatness  
The perfect tool for bending rail to the optimum shape and dimension
- EXTENDED HANDLE RATCHETS:**  
Used for a "One-Man" Installation Process!

Hardware is Double Coated for Superior Weather Resistance:  
*E-Coat and Powder Coat*

For More Details, Tips & Techniques on Building Fences, Please visit our website:  
**horserail.com**



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**SAFETY FIRST: USE SAFETY EYE GLASSES AND GLOVES.**