



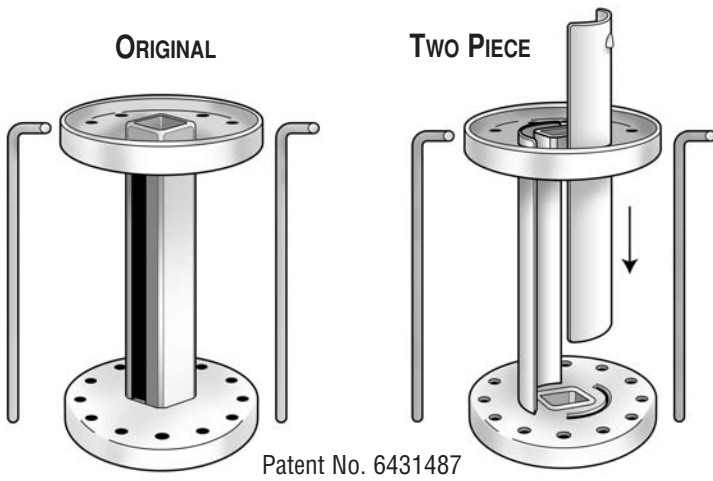
SPOOLERS

TIPS
&
Techniques

horserail.COM

DOUBLE COATED
Hot Dipped Galvanized & Powder Coated

Colors Available: White, Black & Brown
Sizes Available: 4", 5" & 6"



Patent No. 6431487

So Quick, So Practical

- Designed For Safety
- Clean Look
- Neat Appearance
- Safe For Horses
- No Stripping
- No Crimping or Notching
- No Exposed Wires

IMPORTANT: The Spooler is designed as a simple and economical way to tension the rail. The recommended method of attaching and joining the rail is the innovative horserail Buckle System. For a detailed and illustrated look at the Buckle System you can download a current Buckle flyer at: www.horserail.com

INSTALLATION TECHNIQUES

1. Original Spooler: Slide Spooler onto rail prior to End Buckle Assembly*. Keep 12" (300mm) to 18" (460mm) from line post.

Two Piece Spooler: Provides the convenience of Spooler placement after initial rail assembly. Photo shows the "removable" hub piece being slid into place.

HANDY TIPS:

- Square the spooler (with a speed square) to the rail before tensioning.
- Make sure rail is hand tight before final tensioning with spooler.

2. To make installation and tightening easier and safer, use two long handled 1/2" (12mm) drive ratchets (one on each end of the hub).

Always follow these steps:

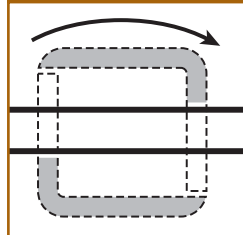
- 1) Pull both long handles towards you.
- 2) Hold one (A) steady while ratcheting back the other (B)
- 3) Now hold (B) steady and ratchet back (A) and finally
- 4) Pull both towards you again. Repeat as needed.

HANDY TIPS:

- Pull the handles toward you, don't "push away" from you. Please be careful.
- When tensioning, use two people: one to ratchet, one to assist with the alignment and to lock pins in place.
- Always allow enough rail for one full rotation of the spooler before becoming taught. Less than one rotation may cause damage or breakage.
- Don't over-tension the rail or tension a spooler on a taught fence.



Hub Cross Sectional View

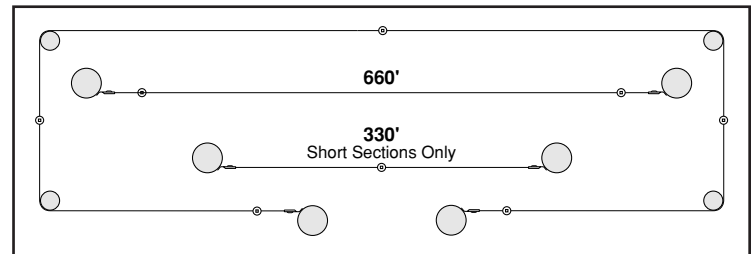


RECOMMENDED ROTATION
Always rotate the spooler in the direction of the bend in the center hub.



SPOOLER PLACEMENT

- It is more technically correct to use spoolers near both ends of the fence because it is the end assemblies that move and cause the loss of tension.
- For short sections of fence, attach the fence rail at both ends before spooling. It is not as economical to have spoolers at both ends of a very short fence. One spooler in the middle is acceptable.



- For a neat appearance, rotate all spoolers in the same direction and above one another.



NUMBER OF SPOOLERS

- The more friction, the more spoolers – corner posts, very slight ups and downs and slightly misaligned brackets will make sliding the rail difficult. A good rule of thumb is, "one spooler for each accumulation of 90° of elevation or directional change" (or, one spooler for every 330' (100m) of fence minimum).
- **ADDITIONAL SPOOLERS:** If additional spoolers are needed, simply add a Two-Piece Spooler or unbuckle the rail, add an Original Spooler and rebuckle.

* For more details on complete fence installation tips and techniques go to www.horserail.com

Safety First: Please Use Caution