



Install Instructions: Traxx Rite & Sidewinder

1. Traxx-Rite belts must always be run in a straight line. These belts are not designed to take a horizontal turn of any degree.
2. Make sure that head and tail pulleys or shafts are parallel to each other and perpendicular to the direction of belt travel. Failure to align will result in belt damage.
3. Any rollers must be flat faced. Crowned pulleys will damage the belt
4. Make certain, before installing belt, that all spirals are seated and not turned. Some shifting of spirals may have occurred in shipping or storage.
5. Make sure that the belt path is free from obstructions.
6. Check to be certain that any support and return rollers are turning freely.
7. When connecting the belt, make sure the edges line up.
8. The direction of travel is clearly tagged on every Wiremation belt. This direction must be adhered to for proper sprocket engagement.
9. When connecting the belt, a right-hand spiral (clockwise) and a left-hand spiral (counterclockwise) must be joined together and then joined with a crimped connector rod. The rod may then be welded to the spiral.
10. If two spirals of the same hand are joined together, the belt will not engage the sprocket and will be damaged.
11. Sprockets must be properly aligned on the shaft. All Traxx-Rite sprockets are keyed in-line and the shaft must be keyed to ensure accurate alignment.
12. It is helpful to use a piece of the belt as a guide to locate and align sprockets.
13. The sprocket tooth should drive on the crimped connecting rod.
14. It is recommended that sprockets be positioned no more than 3" apart and that filler rolls are placed between sprockets.
15. Although the sprocket can engage the belt in either spiral, for consistency, it is recommended that the sprocket tooth engage the belt in a left-hand spiral.
16. It is often helpful to lock down (with set screws) only the center sprocket and allow the other sprockets to float. This will make installation easier and will also allow for slight changes in belt width over time or exposure to heat.
17. The belt should be run with the lowest tension necessary to engage the sprockets. Over-tensioning will stretch the belt.
18. Over time, there may be some stretch as the belt breaks in. A section of belt may need to be removed if the take up does not allow for this stretch.

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