

Wheel Tread Attachment:

Step 1 - Fully assemble wheel, tighten all bolts.

Step 2 - Remove one wheel hub side plate as shown below. (OPTIONAL)

Step 3 - Locate the Symetrical Hole Pattern on one of the RIM pieces.

(Note: This hole pattern will vary slightly depending on wheel type.)

Step 4 - Lay the tread such that one end is in the approx center of this pattern.

Step 5 - Drill through the tread using a 1/8" Drill into the 2 holes shown.

Step 6 - Using a pop-rievet gun, insert 2 pop rivets through the tread into these 2 holes.

Step 7 - Stretch tread around wheel circumference by hand until tread seams meet.

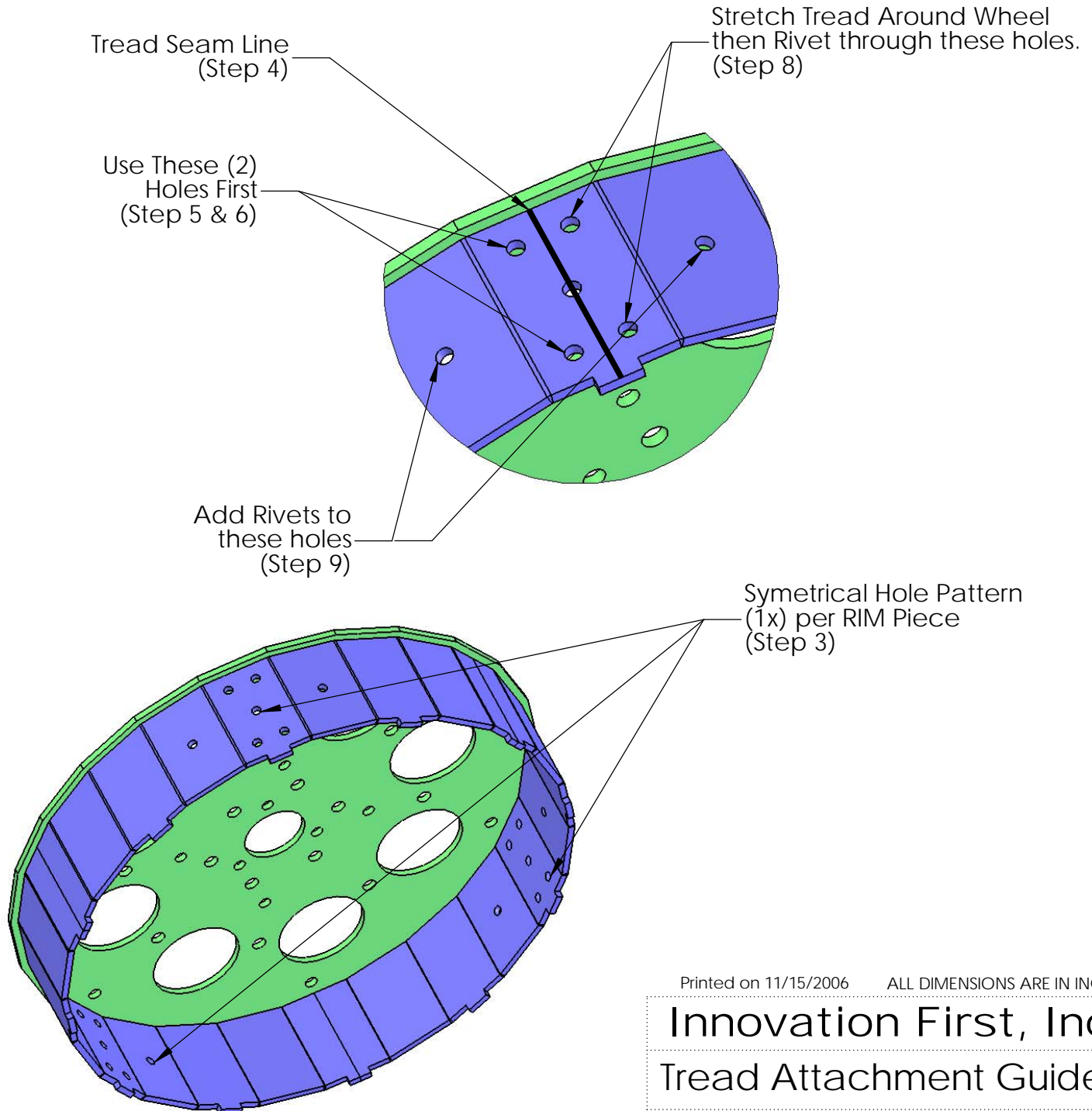
(Note: Each Tread includes ~1" of extra material, cut off excess tread)

Step 8 - Drill 2 holes through this tread tip, and rivet in place.

Step 9 - Add additional rivets to the holes noted, to reinforce the seam,

Step 10 - Add 3 rivets to each of the other symetrical patterns.

Step 11 - Re-attach wheel hub plate.



Printed on 11/15/2006 ALL DIMENSIONS ARE IN INCHES.

Innovation First, Inc.
Tread Attachment Guide

Part Number

Tread-Attachment

When should tread be changed:

The traction tread will wear down with use. As this occurs, its coefficient of friction will decrease. The wear will depend on usage factors. Users must make their own determination as to when tread should be replaced.

How to replace tread:

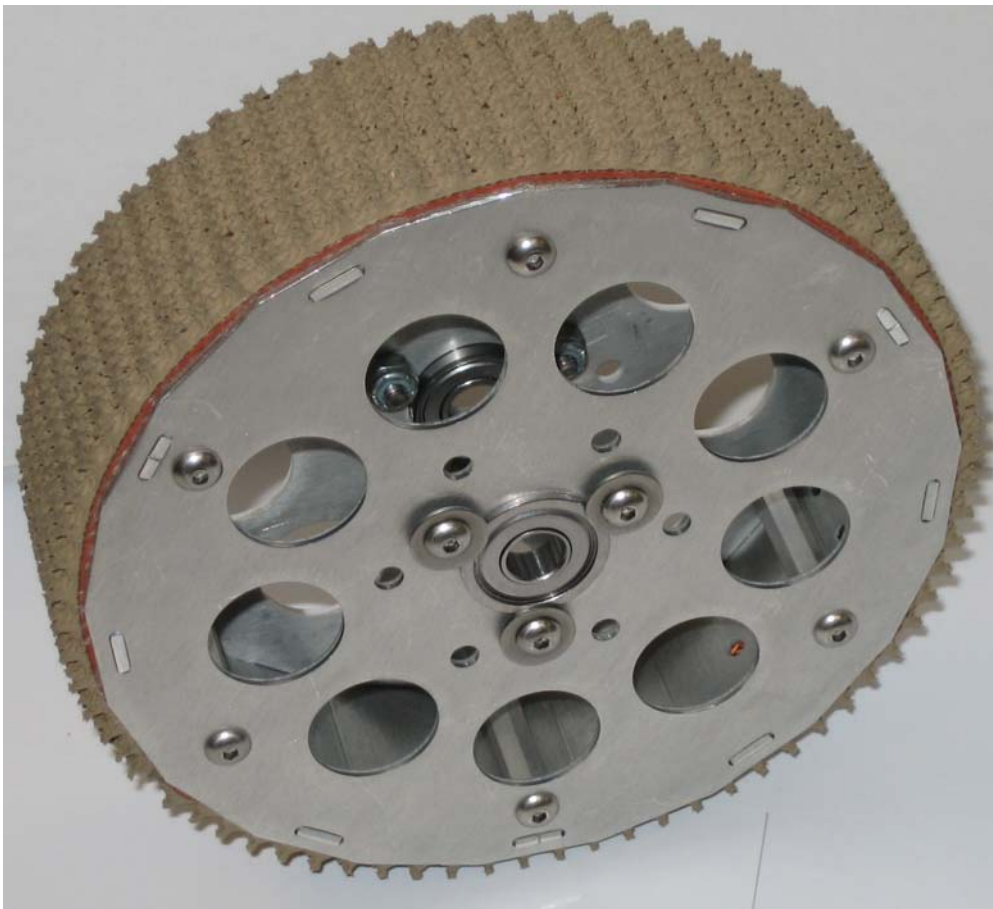
To replace tread, simply drill out existing aluminum pop-rivets using a 1/8" drill bit, install new tread in the same manner as original tread attachment. (It is possible to attach the tread without removing the side-plate; but removal will make it easier to drill the clearance holes in the tread.)

How to attach tread without rivets:

If a pop-rivet gun is not available for a team, it is also possible to attach the tread using 4-40 screws and locknuts. We do NOT recommend this method, as it requires wheel disassembly before tread can be replaced. These screws are NOT included.

How do I stop treads from falling off?:

Using the methods described, and the included large-head pop-rivets should be sufficient to hold the tread on. As with any wheel of this type, in some cases treads may become detached during usage. Many different methods of tread attachment exist. Though the packaged solution will work in most situations, we recognize that problems may occur. In the event a chronic problem occurs we recommend each team experiments to find an attachment method that works best for them.



Sheet 2 of 2

Innovation First, Inc.
Tread Attachment Guide

Dwg No & Rev

Tread-Attachment