



Tech Tip
T7-09-0009

**Instructions to create 53, 106 and 159 stud patterns for snowmobile tracks
133.5" using the Long Track Temp-LONG-TEMP-2**

108 SINGLE STUD, CENTER BELT pattern can be used to create the following patterns.
Special Instruction to create:

53 stud pattern on a 133.5" wide track
106 stud pattern on a 133.5" wide track

To create the 53 stud pattern using the 108 single stud center belt pattern from the Long Track Template-2

Refer to the picture on Woody's® Long Track Template. Note, the 108 single stud pattern has a specific sequence of letters.

Note: ***A PITCH is the space between each lug row.***

1) This Long-Temp-2 template will accommodate 15" & 16" wide tracks. At the ends of each lug slot a portion of the template is outlined in a black dotted line.

- To fit a 15" wide track leave the dotted outlined area intact.

If the black dotted outlined area has been removed, the modified template should not be used on 15" wide track widths

2) Remove the pre-punched knockouts adjacent to the letters in the 108 single stud, center belt pattern,

3) Place the template on the track. This template will cover 3 pitches with the lugs protruding through

4.) Begin marking the pattern on the far LEFT using the X. Then go to the next pitch and mark the X on the RIGHT. Then go to the third pitch and mark the X on the LEFT.

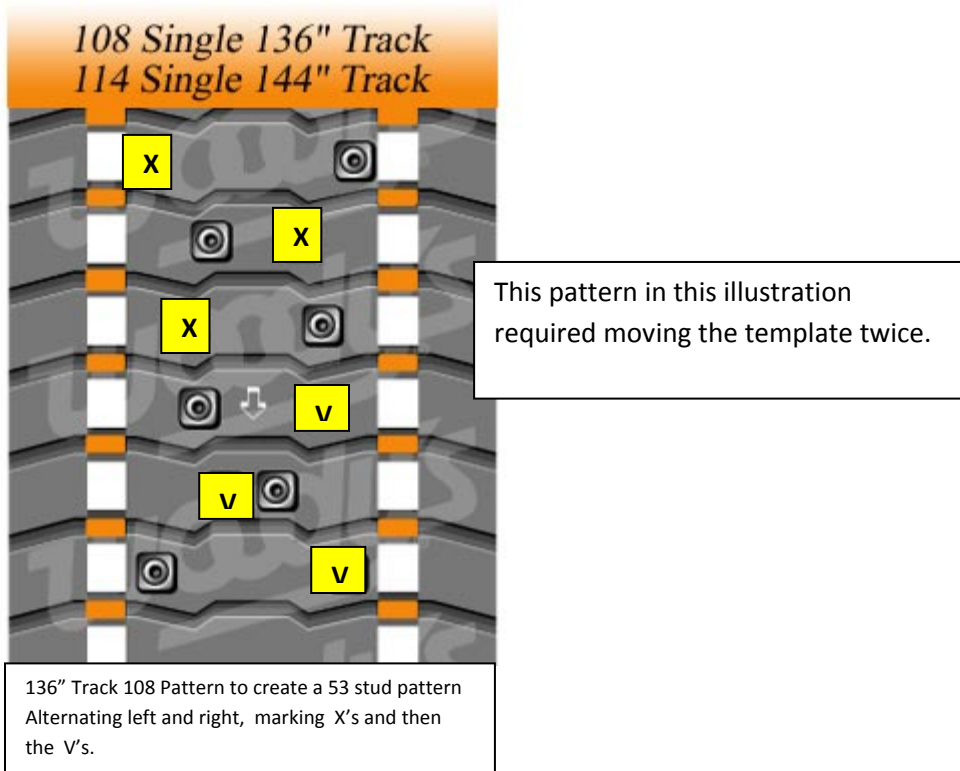
5) Move the template to cover the next three pitches and on the far RIGHT mark the V, then the V on the LEFT then the V on the RIGHT.

Continue to alternate X's and V's and LEFT then RIGHT until the entire track is marked.

6) You should have 6 stud locations marked on your track, one stud per pitch for six pitches. See the illustration below.

7) Continue to move the template until the each pitch has a stud placement mark. Note: Because different length tracks have different numbers of lugs it may not always come out evenly. You may end with two studs on the right. But because you have a stud in every bar it will be balanced.

For the 53 stud pattern on a 15 x 133.5" track, you will move the template 18 times marking only the first two pitches on the last move.



To create the 106 stud pattern using the 108 single stud center belt pattern from the Long Track Template-2

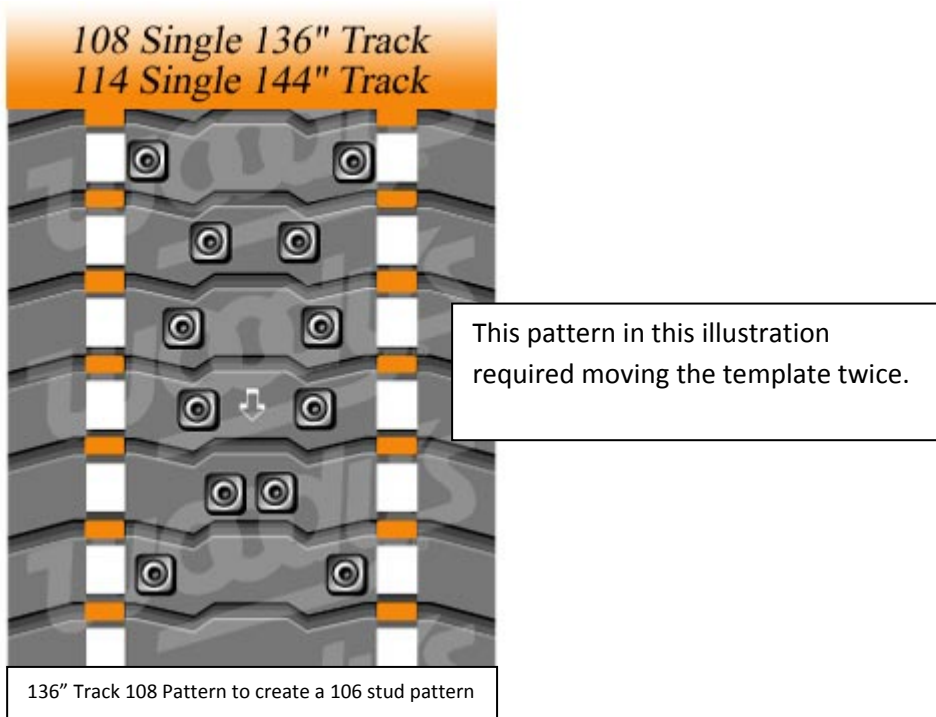
Refer to the picture on Woody's® Long Track Template. Note, the 108 single stud pattern has a specific sequence of letters X's and V's.

- 1) Remove the pre-punched knockouts adjacent to the letters in the 108 single stud, center belt pattern.
- 2) Place the template on the track. This template will cover 3 pitches with the lugs protruding through.
- 3) Begin marking the pattern for the 108 stud pattern. The difference will be the number of times the template is moved.

For the 106 stud pattern on a 15 x 133.5" track, you will move the template 18 times marking only the first two pitches on the last repeat.

4) You should have 12 stud locations marked on your track, two studs per pitch for six pitches. See the illustration below.

5) Continue to move the template until the each pitch has a stud placement mark.



To create the 159 stud pattern using the 162 single stud center belt pattern from the Long Track Template-2

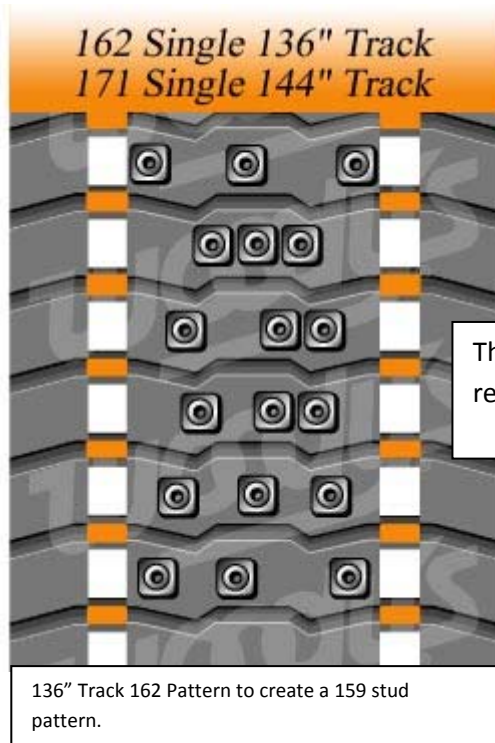
Refer to the picture on Woody's® Long Track Template. Note, the 162 single stud pattern has a specific sequence of letters.

- 1) Place the template on the track. This template will cover 3 pitches with the lugs protruding through.
- 2) Begin marking the pattern for the 162 stud pattern. The difference will be the number of times the template is moved.

159 stud pattern on a 15 x 133.5" track requires moving the template 18 times marking only the first two pitches on the last repeat.

3) You should have 18 stud locations marked on your track, three studs per pitch for six pitches. See the illustration below.

4) Continue to move the template until the each pitch has a stud placement mark.



This pattern in this illustration required moving the template twice.

IMPORTANT-- If installing Angled Digger® support plates, the hole(s) for drilling will be offset from the original pattern holes marked. Center the Angled Digger® support plate between the lugs over the original pattern marked. Create a new offset mark for drilling in the center of the hole of the Angled Digger® support plate. Refer to the Angled Digger® Support Plate Installation instructions included in the package.

Contact Woody's if you have any questions, with these patterns.

WARNING Review the snowmobile and track manufacturer's studding recommendations in your owner's manual. You may void your warranty if their recommendations are not followed. You must read and understand these instructions before drilling holes in your track, if you have any questions contact Woody's through the methods listed at the bottom of the page

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