



Tech Tip
T7-09-0005

INSTRUCTIONS TO CREATE 43 AND 86 STUD PATTERNS USING A UNIVERSAL TEMPLATE ON 15" x 109" TRACKS.

The Universal Template-COMB-TEMP-96 SINGLE STUD, CENTER BELT pattern pictured below can be used to create the 43 stud pattern on a 15"x 109" track.

IMPORTANT Studs cannot be installed in the outside belts because of the chassis configuration.

Follow the same directions for the 96 stud pattern on the template. The difference will be the number of times the pattern is repeated/template moved to mark the entire track because of the different track lengths.

Refer to the picture on Woody's® Universal Template. Note, the 96 single stud pattern has a specific sequence of letters.

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

- 1) The Universal Template- will accommodate 15" wide tracks.
- 2) Remove the pre-punched knockouts adjacent to the letters in the 96 single stud, center belt pattern,
- 3) Place the template on the track. This template will cover 6 pitches with the lugs protruding through
- 4) The 96 single stud pattern uses the O's and B's.

Begin marking with a Woody's® Track Marker, the O on the far left, then the B on the far right.

Continue marking the pattern alternating the O's and B's and left then right one stud per pitch.

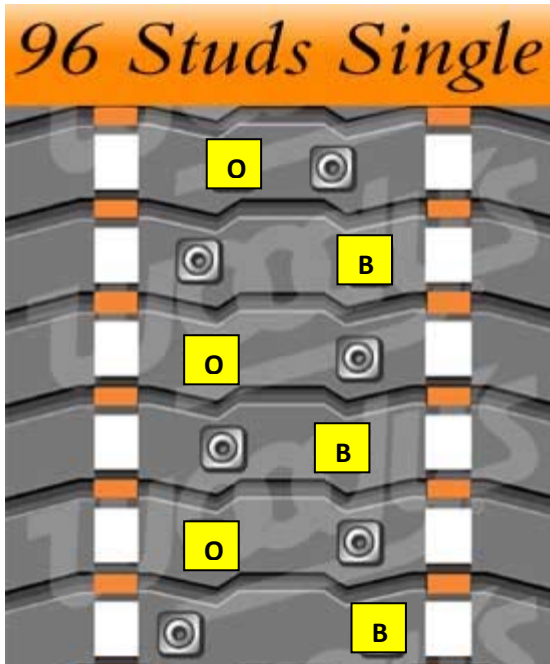
5) Move the template to cover the next 6 pitches:

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 stud placement is marked.

To create the 43 stud pattern on a 15" x 109" track, move the template and move the template 6 times.

8) Note: Because different length tracks have different numbers of lugs it may not always come out evenly. But because you have one stud in every bar it will be balanced.



The pattern in this illustration represents one template placement.

Universal Template 96 Pattern to create a 43 Pattern on a 109" Track. Alternate the O's and B'—left and right to create the 43 pattern.

a. 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.

To create the 86 stud pattern on a 15" x 109" track use the Universal Template 96 SINGLE CENTER BELT pattern pictured below.

IMPORTANT Studs cannot be installed in the outside belts because of the chassis configuration.

Follow the directions for the 96 single, center belt pattern. The difference will be the number of times the pattern is repeated/template moved to mark the entire track because of the different track lengths.

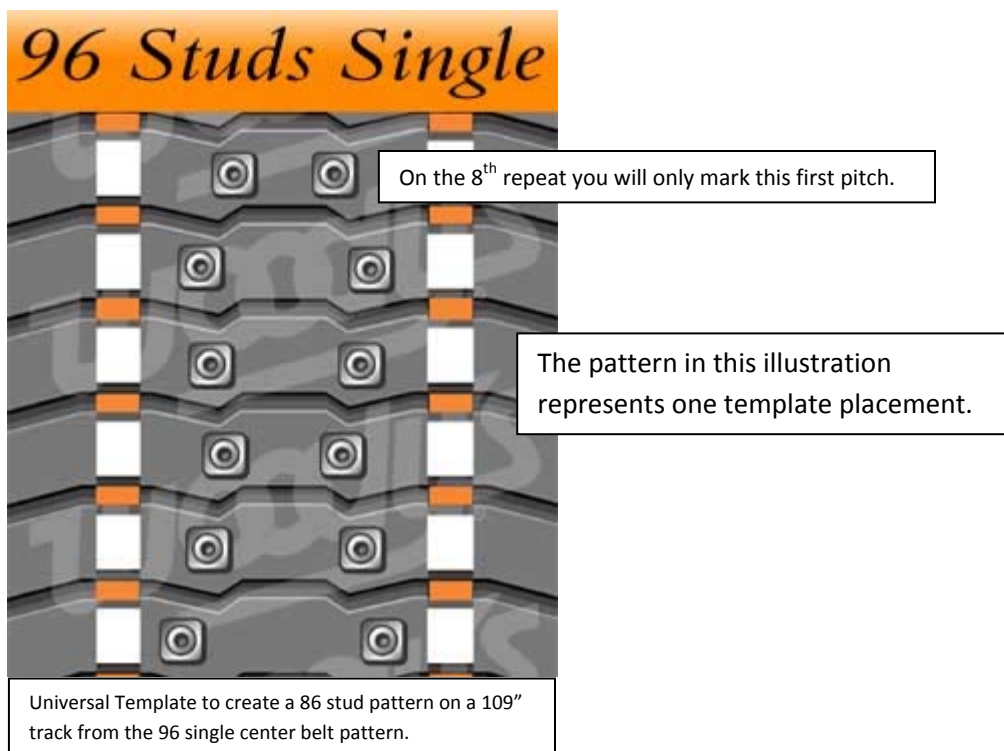
Refer to the picture on Woody's® Universal Template. Note, the 96 single stud pattern has a specific sequence of letters.

Follow STEPS 1 through 4 above. Then.....

To create the 86 stud pattern on a 15" x 109" track, move the template and mark the **pattern 7 full repeats and 1 bar from the 8th repeat.**

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

9) Continue to move the template until the each pitch has the studs placement marked.



Contact Woody's if you have any questions about 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

www.WoodysTraction.com • E-mail: woodys@wiem.com
International Engineering & Mfg., Inc. • 6054 N. Meridian Road • Hope, MI 48628 • 989-689-4911 • Fax 989-689-4910 • © IEM 2004-2009. All rights reserved