

INSTRUCTIONS: POLYTUNE™ SUSPENSION RINGS – SNOW SERIES

Congratulations on the purchase of your PolyTune™ Suspension Rings.

This product is designed, engineered and manufactured in the U.S.A. with the highest quality materials, to exacting specifications.

PolyTune™ Suspension Rings have been designed to improve the performance of your snowmobiles front suspension. Based on the information you have provided, the **PolyTune™ Rings** shipped to you will fit between the coils of your specific suspensions front springs.

BITEHARDER® does not recommend using **PolyTune™ Rings** that have not been matched to your suspension coil springs geometry.

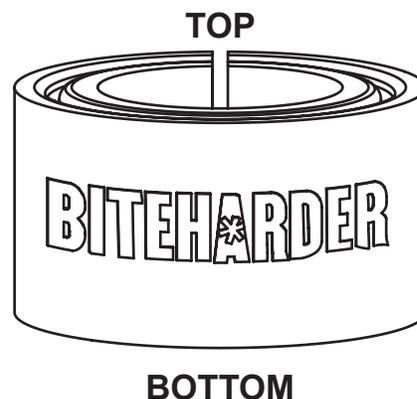
Like all products of this nature, we recommend you fully read and follow the “instructions” and “for best results” sections below before installing your **PolyTune™ Rings**, and to obtain the maximum performance, effectiveness, and safety, this product offers.

INSTRUCTIONS:

1. Orient the **PolyTune™ Ring** with the **BITEHARDER®** logo face up.
PolyTune™ Rings do have a specific top and bottom (see below).
2. Open one end of the **PolyTune™ Ring** where it is sectioned, and insert the top and bottom slots onto the coil spring.
3. Moving radially around the spring, work the **PolyTune™ Ring** between the coils alternating between the top and bottom.
4. Verify that the coil spring is properly seated all the way around in both the bottom and the top of the **PolyTune™ Ring**



**PolyTune™ Ring
Orientation**



FOR BEST RESULTS:

- To simplify the installation of your **PolyTune™ Rings**, release the spring pressure by raising the machine and/or backing off the spring tension nut. You can also use soapy water as a lubricant to assist in getting the ring onto the spring.
- Do not use sharp objects to force the ring onto the spring. Patience and working the ring into position makes for the best installation.
- **PolyTune™ Rings** work in any position on your suspensions coil spring. Install the ring where you have the most clearance, then rotate the ring on the spring to obtain your desired position, and to minimize any possible interference with other suspension components.
- Normal suspension adjustments can be made once your **PolyTune™ Rings** are in place.

SAFETY WARNINGS:

- **PolyTune™ Rings** work to adjust the rate of your suspensions coils spring. Increasing rates will cause your snowmobile to handle in a different manner. Until you understand how your snowmobile will perform with **PolyTune™ Rings**, **BITEHARDER®** recommends you ride at moderate speeds.

PRODUCT IDENTIFICATION:

- **PolyTune™ Rings** are marked to identify the individual products tuning density and size.
- Tuning density can be found on the **PolyTune™ Rings** parting line via raised bumps/dimples, and by cross-referencing the information below;

	TUNING DENSITY	RIDING STYLE DESCRIPTION
ONE Bump	SOFT	You ride at moderate speeds but want better overall control of your machine
TWO Bumps	MEDIUM	You ride at moderate to aggressive speeds depending on conditions but want more performance particularly in the corners and bumps
THREE Bump	HARD	You are an aggressive rider who demands fast corners and enjoys the bumps

- **PolyTune™ Ring** size (height) is marked on the outside diameter of the ring using the following codes;

“SA” for coil spacing of	0.70 TO 0.89 inches	18 TO 23 millimeters
“SB” for coil spacing of	0.90 TO 1.09 inches	23 TO 28 millimeters
“SC” for coil spacing of	1.10 TO 1.29 inches	28 TO 33 millimeters
“SD” for coil spacing of	1.30 TO 1.50 inches	33 TO 38 millimeters