

EDGE™ LEADING

Leading Edge Owner's Manual

Disclaimer

WARNING: The Leading Edge was designed for use on Curve Industries skis and intended for snowmobile use only. Operation and installation must follow exactly as this manual states.

WARNING: Do not attempt to install the Leading Edge until you thoroughly read and understand the contents of this entire manual. Save this manual for future reference beneficial to you or to others. Upon transfer of ownership, ensure a copy of this manual is surrendered along with other applicable documents.

ATTENTION: This product has been designed by Curve Industries Incorporated and is intended for snowmobile use only. Curve Industries Incorporated will not accept any responsibility for property or equipment damage, or injury to you, your passenger(s) or bystander(s) arising from the misuse of any parts manufactured or sold by Curve Industries Incorporated.

ATTENTION: Extreme caution must be used when introducing the Leading Edge and Curve XS skis to a surface other than snow. Surface transitions include but are not limited to, railroad crossings, road crossings, trailer loading and exposed trailways. This product may change the handling characteristics of your snowmobile and create a dangerous condition. Failure to exhibit extreme caution during operation and surface transitions could cause property and equipment damage along with serious injury to you, your passenger(s), bystander(s) and equipment.

ATTENTION: By installing the Leading Edge and these skis on your snowmobile, you hereby assume all responsibility for personal, private, and public property damage, or injury to the operator(s) or bystander(s), arising from the failure of any parts manufactured or sold by Curve Industries Incorporated.



CAUTION: Read and follow all rules of safety and operating instructions before attempting to assemble and install the product.

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Introduction, Safety, & Tools

INTRODUCTION

Congratulations! You have just purchased the finest snowmobile anti-darting system on the market! Many features have been integrated to ensure the highest standards of safety, performance, and reliability are met.

SAFETY

Installing the Leading Edge requires modification of the skis. Extreme care must be taken when disassembling and reassembling the skis. Make sure that all services made to this device are guided directly by the assembly instructions in this manual.

TOOLS REQUIRED

- Installation Template
- 1/8 Drill Bit
- 25/64 Drill Bit
- Drill
- 1/2" Socket / Wrench

Leading Edge Installation

- 1) For this installation, both skis must be removed from the snowmobile along with each ski loop.
- 2) Flip ski over and set aluminum drill template over the keel so the tab locks into the wear bar recess. (Figure 1)
- 3) Load a hand held drill with 1/8" drill bit. While holding the template in place with one hand, drill through the ski slowly with the other hand using the provided template hole as a guide. Once the drill chuck reaches the template, place drill in reverse to remove the bit.
- 4) Repeat step 3 for the second hole. (Figure 2)

Note: if the ski has been worn, trimming of the keel edges may be required to remove any flashing so the template sits flush on the keel bottom.

Leading Edge Installation

- 5) Remove drill template and load drill with 25/64" drill bit. Drill through the ski using each previously drilled 1/8" hole as a pilot. Do not fight the drill, simply allow it to follow the 1/8" hole.
- 6) Insert Leading Edge into drilled holes such that the back of the leading edge lines up with the end of the wear bar recess on the ski.
- 7) Determine if you have the 2" or 4" Leading Edge. The 4" version will have 2 carbide surfaces while the 2" version will have only one.

Install the 2" Leading Edge with cutting surface outside for less aggression and on the inside for more aggression. The camber of your front end will also play a role in how much bite the Leading Edge provides.

- 8) Place stud lock nuts on each Leading Edge stud and use a 1/2" socket wrench to draw the Leading Edge into the ski, flush with the bottom of the keel. Ensure that each nut is tightened evenly while the Leading Edge is being drawn into the ski. Tightening one stud all the way first may jam the Leading Edge and not allow it to sit flush with the keel.
- 9) Ensure there is no gap between the bottom of the Leading Edge and ski keel. If a gap is present, remove Leading Edge and repeat steps 6 through 9. If no gap exists, torque stud lock nuts to 14ft-lbs.

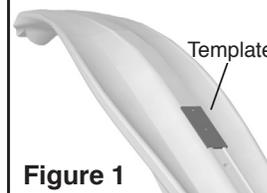


Figure 1

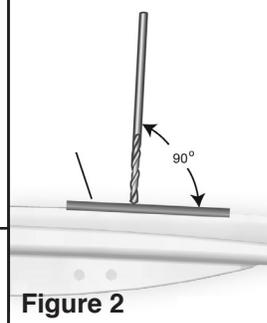


Figure 2



Complete Assembly