



# USER GUIDE

## 1. FOREWORD

This handy guide is placed at your disposal in order to better inform you about the use of the **ROLLERSKI™** than you have just gotten to you. By respecting the advice and the recommendations included in this guide, you make sure that your **ROLLERSKI™** will be always in good state of operation and that you will be able to benefit from it fully.

## 2. WARNING

### WARNING STATEMENTS

FOR YOUR SAFETY, ENSURE TO HAVE TAKEN NOTE OF THE WHOLE OF DOCUMENTATION ACCOMPANYING THIS PRODUCT BEFORE THE USE.



MISUSE CAN INVOLVE RISKS FOR THE USER.



A BAD INSTALLATION CAN INVOLVE RISKS FOR THE USER AND/OR OF BREAKINGS ON THE SNOWMOBILE.



IN ANY TIME, ADOPT A PRUDENT APPROACH. THE MECHANISM OF RETURN OF THE WHEEL IS POWERFUL AND VERY FAST.



## 3. INSTALLATION

You can ask your dealer or your retailer to proceed to the installation of this product on your snowmobile or, you can proceed yourself to this installation. If you decide to install this product by yourself, follow carefully each described step of this guide.

### 3.1 DURATION OF INSTALLATION

Envisage +/- 15 minutes per side of snowmobile, for 30 minutes as an approximate total.

### 3.2 MANDATORY TOOLS FOR INSTALLATION

You will require the following tools to achieve the whole operations prescribed by the installation of this product.

- a) a jack appropriate to the lifted load
- b) a set of ratchets adapted to your model of snowmobile
- c) a set of metric and/or imperial spanner
- d) a hammer (out of rigid plastic preferably)
- e) a lubricating pistol and some winter synthetic grease
- f) a drilling machine (electric or with battery)
- g) a drill of 1/4"
- h) Loctite 262TM (red, high strength) adhesive\*
- i) a rag

## 4. ENGAGEMENT AND DISENGAGEMENT

### 4.1 ENGAGEMENT

The engagement of the **ROLLERSKI™** requires neither a great force nor a strong pressure, but rather a good position and a good movement, follow the steps:

- a) You in front of the snowmobile position, between the shoes, facing this one.
- b) For the engagement of the **ROLLERSKI™** of the left side of the snowmobile, position your right foot, perpendicularly, under the part before left ski of your snowmobile, this in order to obtain a balanced position.
- c) Place your left foot on the edge of the bolt gilded in the center of the wheel of the **ROLLERSKI™**.
- d) With your left foot, push the bolt until the wheel touches the ground.
- e) Clutch the handle before ski without however seeking to raise it.
- f) At the same time, with your left foot push the wheel towards the back of your snowmobile and under the ski, slightly raise the front of the ski with your right hand (use the handle envisaged for this purpose on the ski).
- g) The weight of the snowmobile will be transferred automatically on the wheel. Thus, left **ROLLERSKI™** is engaged and in function.

### 4.2 MANUAL DISENGAGEMENT OF THE ROLLERSKI™

Do not try in any time to use your hand or your fingers to disengage the **ROLLERSKI™**.

- a) Place yourself in front of the snowmobile, between the skis, facing the snowmobile.
- b) Take the front handle of ski.
- c) Raise the front of the ski in order to release the passage of the **ROLLERSKI™**.

### 4.3 AUTOMATIC DISENGAGEMENT OF THE ROLLERSKI™ ON SNOW-COVERED SURFACES

**ROLLERSKI™** is conceived in order to disengage itself automatically when the wheels leave the roadway to enter on a soft surface. For this operation, ensure that the **ROLLERSKI™** is beforehand committed.

- a) Slow down in order to prepare a sedentary entry in the path or snow.
- b) Advance in snow. In contact with covered with snow surface, your **ROLLERSKI™** will be disengaged automatically. You do not need to immobilize the snowmobile.

### 4.4 AUTOMATIC DISENGAGEMENT OF THE ROLLERSKI™ ON FROZEN SURFACES

The **ROLLERSKI™** is conceived in order to disengage itself automatically when the wheels leave the roadway or a surface to enter on a soft surface like snow. On the ice or a hard surface, follow the following stages (ensure that the **ROLLERSKI™** is before engaged):

- a) Slow down in order to prepare a sedentary entry in the path or snow.
- b) Advance on the path, if one of your **ROLLERSKI™** remains committed, leave securely and temporarily the path in order to offer a less dense covered with snow surface. In contact with this less dense snow, the **ROLLERSKI™** will be disengaged automatically.
- c) If the **ROLLERSKI™** remains engaged, proceed to a manual disengagement.

## 5. USING THE ROLLERSKI™

### 5.1 ON THE ROADWAY

The principal function of the **ROLLERSKI™** is to make it possible a snowmobile to borrow the asphalted or cemented ways deprived of asperities (holes, back of ass, or belly) exceeding 2cm. You in any time ensure to respect the regulations in force.

### 5.2 WITH THE TRAILER

The **ROLLERSKI™** allows you an entry and exit of the trailer in flexibility and speed without damaging the interior surface of the trailer. However, ensure you not to exceed the height of 2cm between the level of the trailer and the level of the ground. Moreover reduce your speed of entry and exit to its minimum.

### 5.3 IN THE GARAGE

The **ROLLERSKI™**, installed on your skis, is useful in order to move your snowmobile inside your garage or so not damaging your parking when you circulate there in snowmobile.

## 6. MAINTENANCE

In order to maintain the conditions of use and the performances of your **ROLLERSKI™**, you must respect and carry out the routine maintenance. Note: The spring cage should contain 15ml (1 tablespoon.) of oil.

### 6.1 TABLE OF MAINTENANCE

Operation	MAINTENANCE			REFERENCE
	FREQUENCY			
	SEASON LAUNCH	SEASON IN-BETWEEN	SEASON END	
LUBRICATE SPRING				
CAGED SPRING	X		X	Section 6a
COIL SPRING	X			Section 6b
WHEEL'S EXAMINATION		X	X	Section 6c
NUTS & SCREWS	X	X	X	Section 6d

### 6.2 LUBRICATING THE CAGED SPRING

In the case of a model with spring in roll you will have to check the oil level present in the cage of the spring.

- Engage carefully such as that indicated to section 4.
- You ensure that the ski leans side of the black spring cage.
- You provide with a rag and unscrew the black spring cage.
- Deposit your rag on the ski, under the spring.
- Check the quantity of oil inside the tube.
- Add, if need be, some drops of synthetic oil 5w40 preferably.
- Firmly screw up the tube in its place and wipe any oil escape.
- To disengage **ROLLERSKI™**, see section 4b.
- To remake stages 1 to 7 to lubricate other **ROLLERSKI™** on the opposite side.

### 6.3 LUBRICATING THE COIL OF THE SPRING

This type of spring is rolled up in a black plastic cage ranging between the base and the arm of **ROLLERSKI™** (thickness of approximately 1/2" (13 mm)). The mechanism is lubricated in factory with grease. To check if it is necessary to lubricate this spring, pass your finger under the arm of **ROLLERSKI™** opposite the gilded bolt which maintains the arm in place. If you feel grease at the end of your finger, you do not need to add some. If the level of lubrication is insufficient, defer you to the following sequence:

- You ensure that **ROLLERSKI™** is disengaged (you defer to section 4).
- Have in hand lubricant-penetrating in aerosol (PL-100\*\*) as well as a rag.
- Do not use a WD40 \*\*\* or grease remover.
- Approach the tube close to **ROLLERSKI™** at the place where you checked the presence of grease and vaporize a blow in the cage. Wipe any escape or exceeding of lubricant.
- Make oscillate with some recoveries the arm of **ROLLERSKI™**.
- Vaporize one second time produces in the cage. Wipe any escape or exceeding lubricant.
- To remake stages 2 to 4 for other **ROLLERSKI™** on the opposite side.

## 7. CONDITIONS

Ensure you to have wheels in perfect condition before leaving in excursion. A wheel whose diameter is lower than 5 1/4" (133 mm) or comprising major irregularities must be changed.

## 8. COORDINATES

For all questions or to obtain further information on **ROLLERSKI™**, we invite you to communicate with your dealer or your nearest authorized retailer.

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