Starting Line Products, Inc.

"Setting the World's Performance Standards!"

SLP Ski Installation Instructions

In an effort to provide a ski that allows custom color combinations as well as choice of steering characteristics, this ski is sold in component part form and assembly is necessary.

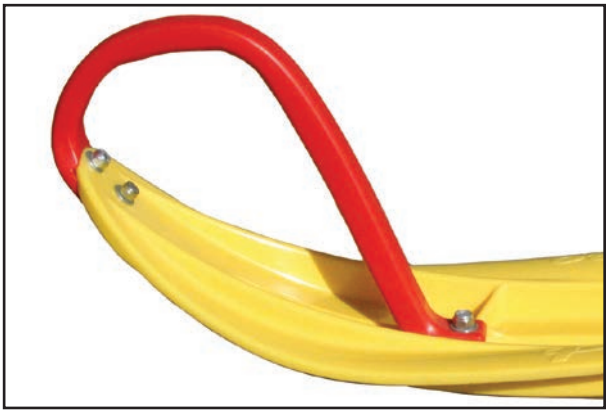
Before proceeding further, refer to **"Runner Combinations: What's right for me?"** on the following page to make sure you have the correct carbide combination for your riding style.

NOTE: Ski should be assembled at room temperature (above 60°F).

Loop Installation:

Mohawk Ski™: Refer to instruction sheet included with the loop.

Powder Pro™, Straight Line Tracking™ (SLT™) and Tri-Keel™ Skis:



1. Attach the loop to the ski using two Phillips head screws (provided) with the self locking nuts and flat washers (provided). Insert the Phillips head screws through the loop, through the ski bottom and then place flat washers over the screw and tighten the locking nuts. The end of the loop should attach to the bottom side of the ski tip.

2. Attach the rear of the loop to the ski bottom using 5/16" carriage bolt, washer and self locking nut provided. Insert the carriage bolt through the forward hole in bottom side of the ski bottom making sure that square on carriage bolt matches the square in the hole of the plastic. Using a hammer, seat carriage bolt into the hole. Place hole in loop over this bolt; place flat washer over loop bolt and tighten self locking nut until plastic begins to distort.

Saddle Bracket & Ski Installation (Powder Pro™, SLT™, Tri-Keel™ and Mohawk Ski™):

3. Install stock rubber ski bumper onto the SLP saddle (if included with saddle, install supplied rubber bumper).

Arctic Cat Note: On 2012 models rubber ski bumper needs to be centered with the spindle. On 2013 models the rubber ski bumper will need to be installed with raised area of rubber ski bumper under the spindle spacer.

Polaris Note:
1980-2012 Indy, Edge, 600 RR and IQ Racer: Install supplied rubber ski bumper with the taller portion towards the front.
2005 and Newer IQ (except IQ Racer), Rush and Pro Chassis: Install supplied rubber ski bumper with the taller portion to the rear.

4. Attach saddle to the spindle and torque to 30 to 32 ft/lbs on Arctic Cat Models and 25 to 28 ft/lbs on Polaris, Ski-Doo and Yamaha Models. **NOTE:** Make sure the two “tangs” on the saddle bracket are to the rear of the spindle/ski (see diagram on page 3). If using the Competition Mounting Brackets the long side will go towards the front of the ski.

Yamaha Nytro Note:
Use the bolt, flat washers, spindle bushings, spacers and self locking nut that is provided with saddle bracket. Large spacer should be installed next to the saddle bracket with washers installed next to the spindle. Install self locking nut and torque to 25-28 foot pounds. **NOTE:** Flat washer must be on the head side of the bolt to center the bolt on the saddle. If not installed in this manner the bolt threads will contact the side of the plastic ski making assembly difficult and creating wear or damage to ski. (See illustration on page 4).

5. Mount ski runner to ski bottom. Insert the studs on the runner through the holes in the ski bottom (see diagram on page 3).

For 35-127 short runner and 35-121 keel blade, Install the keel blade through the front runner mounting hole with the forked end of the keel blade pointing to the rear of the ski. Install runner into place with the bent end of the runner to the rear of the ski. The keel blade must be used in conjunction with the 35-127 runner.

WARNING: SLP approved runners have special studs with built in safety shoulders that prevent the ski from coming loose from the saddle bracket if the runner wears out or breaks. SLP approved runners have a special “Arc” built into the host bar which has a substantial effect on handling. Use of other than SLP approved runners is not recommended and may reduce handling or cause severe injury or death.

6. Attach ski bottom and runner to saddle bracket. (See illustration diagram on page 3). Insert the runner studs through the holes in the saddle bracket. Install the flanged self locking nuts (provided with runner) on all runner studs and torque to 20 foot pounds. **NOTE:** SLP Saddle Brackets have a series of two holes that the runners can be mounted in for fine tuning them to your sled setup and riding style. The forward holes position the ski forward in relationship to the spindle and provide slightly lighter steering. The rear holes position the ski back and in this position the skis will tend to return to center (straight ahead) more on their own, yet will require a little more effort to steer. Both skis need to be mounted in the same mounting position.

Runner Combinations: What’s Right for me?

The use of a 35-127 short runner in conjunction with 35-121 keel blade offers the maximum reduction of darting AKA (hunting or tracking). However, positive steering is as good or better than OEM skis. This combination works well when trail riding on packed and rutted snow.

The #35-126 and #35-123 runners are designed for aggressive trail or loose snow conditions. The #35-126 has 4” of 75 degree carbide for long life and the #35-123 has 6” of 60 degree carbide for those who prefer a steeper more aggressive angle. Both have very good handling characteristics for multi-purpose riding.

The #35-124 has 10” of 60 degree carbide and is primarily designed for racing but can be used by aggressive riders who want very positive steering response.

The #35-125 hardweld runners are for customers running in loose snow conditions. Not recommended when ice may be encountered, especially in corners. Limited control will be available when used in icy conditions.

WARNING!!!

Inspect and re-torque ski saddle nuts (20 ft. lbs.) and spindle bolts (25-28 ft. lbs on Polaris, Ski-Doo and Yamaha Models. 30 to 32 ft/lbs on Arctic Cat Models) before each ride. Loss or breakage of one or both nuts could cause loss of a ski causing possible serious injury or death.

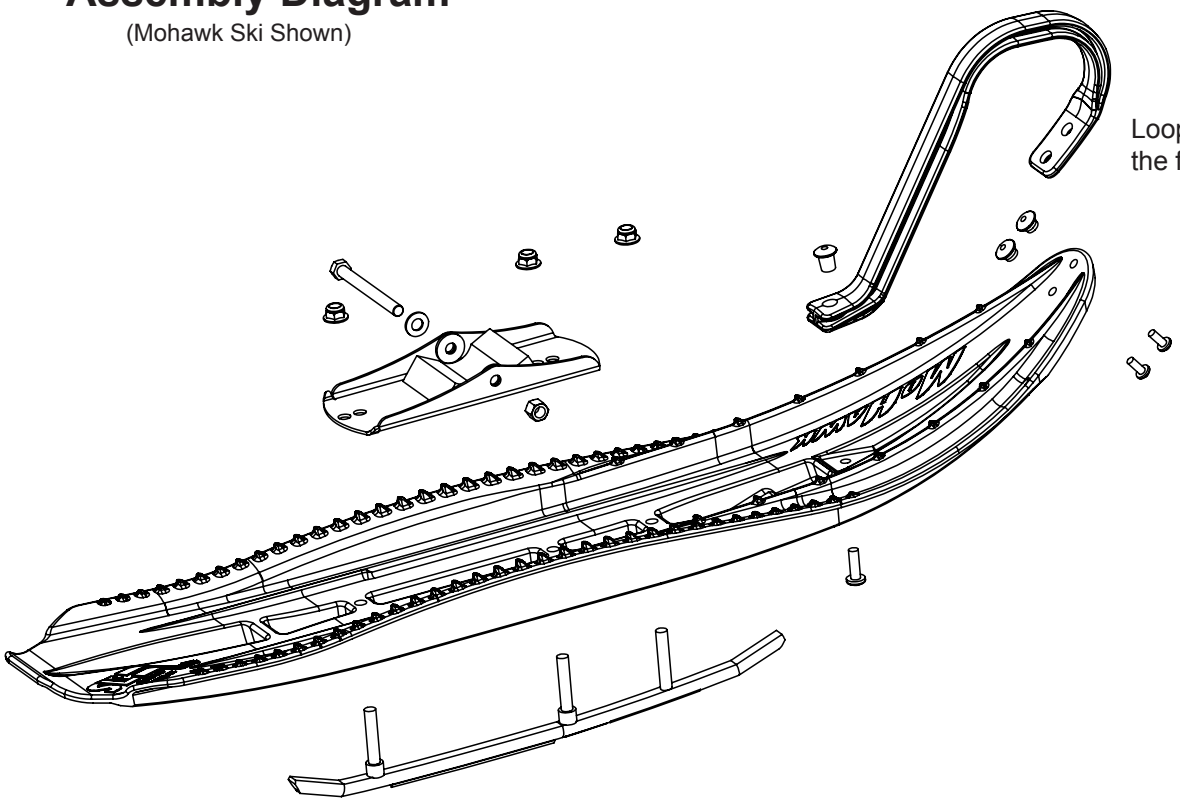
IMPORTANT NOTE: Do not tow by ski loop. When towing, attach to spindle.

IMPORTANT NOTE: Periodically inspect the carbides and saddle rubber damper for wear. Replace as needed in order to insure proper ski function. Failure to replace either of these items when worn can cause improper ski function, serious injury or death.

Protect your ski from SUN DAMAGE! Ultraviolet light radiating from the sun will cause plastic to break down and decompose. SLP Powder Pro™, Straight Line Tracking™ (SLT), Tri-Keel™ and Mohawk Ski™ are treated with ultraviolet light inhibitors. However, long term direct exposure to the sun can and will cause the plastic to fade, crack and break. It is very important that when storing your snowmobile, you insure that the skis are not exposed to direct sunlight. Storing your sled on an open trailer without covering the skis throughout the summer months is the number one cause of ski fatigue.

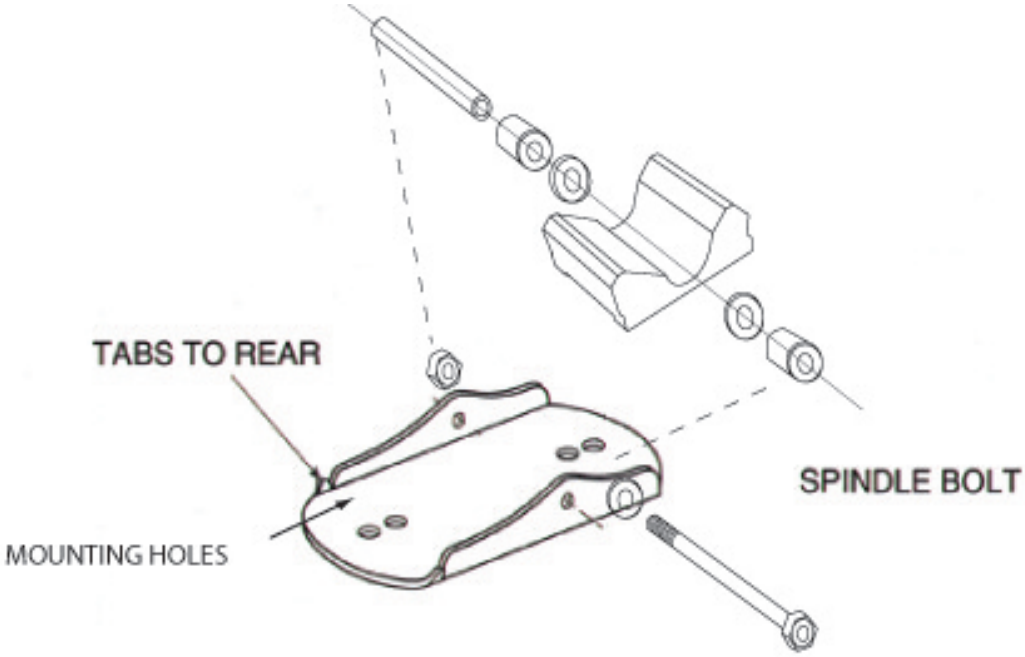
Assembly Diagram

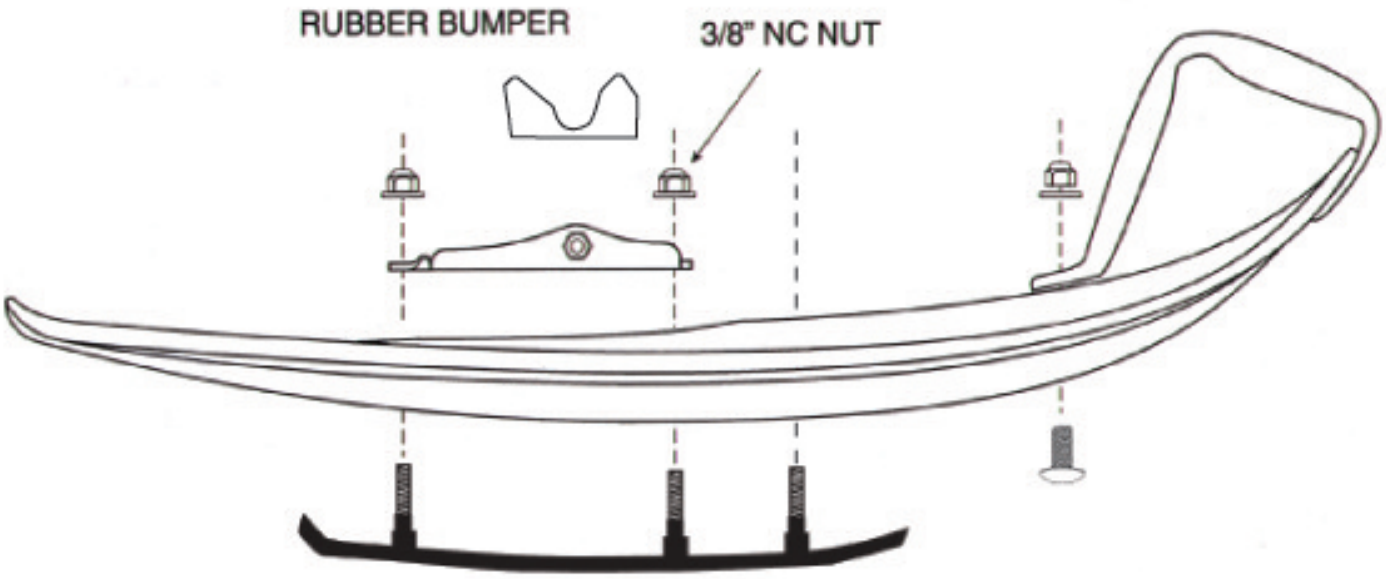
(Mohawk Ski Shown)



Loop hooks around the front of the ski

Yamaha Nytro Mounting





Find out more about skis & carbides we have.