



Performance Ice Scratcher Installation Guide

Warning: Improper installation of Straightline Performance's "Performance" ice scratchers could result in injury and/or damage to your snowmobile. Please Note Left handed threads on one side of machine and Right handed on the other

Parts list:

1. 7/16" Scratcher Carbide Tip (2)
2. Scratcher Cable Right Handed threads (1)
3. Scratcher Cable left Handed threads (1)
4. Threaded Head Right handed threads (1)
5. Threaded Head left handed threads (1)
6. 9/16" Threaded Head Jam Nut (2)
7. 9/16" Mounting Bolt (2)
8. Mounting Bolt Washer (2)
9. Red Loctite tube (1)



Carbide Tip Installation:

1. Place the Threaded head in a vise (making sure not to contact threads) and apply a generous amount of the provided red Loctite to scratcher carbide tip. Install the 7/16" Scratcher carbide tip into threaded head and torque to 15Ft pounds.



Rail Test Fitment:

1. Locate or drill a 3/8" hole near the front of your rail (closest to the skis).



2. Test fit the Scratcher cable, 9/16" mounting bolt, and mounting bolt washer on the rail, and position as desired (elbow angle should be no more than 45 degrees back to insure adequate surface pressure).



3. Install threaded head (with scratcher carbide tip installed) into scratcher cable. Place several drops of red Loctite on the threads closest to the scratcher cable.



4. Articulate the scratcher head to the desired angle for both snow/ice contact, and rail storage.



5. Lower the 9/16" jam nut onto the base of the scratcher cable so it's "finger tight."
6. Remove Scratcher assembly from rail and place cable base in vise.



7. Tighten the 9/16" jam nut to 25ft pounds against the base of the scratcher cable, not the base of the head.

Final Installation:

1. Apply a generous amount of the provided red Loctite to the mounting bolt and Install Performance Ice scratcher cable back onto rail to desired position.
2. Torque the 9/16" mounting bolt to 35ft pounds. Repeat for opposite side Remember left handed threads on left side of machine!

