

# Rush | 3D Printed Scoop Sleeve (TPU)

## Installation Guide

First, thank you for buying our mod. It is cool to know that we are able to help people keep their machines in great condition!

### Information:

The protector you have ordered is printed from TPU with a very high durability rating. It is designed to be slid over the metal arch of the scoop to protect both the scoop and the pinballs from damaging each other given the high probability of side impacts inherent to the design of the Rush playfield. While Stern has provided the two big blue erasers solution, those block the originally intended gameplay. This solution doesn't alter the game play while still protecting your game. We even think it may help to reduce rejections of otherwise clean shots at the scoop.

Please be aware that this installation, while simple in concept, can be a little difficult and some patience and effort may be required to get this installed properly. The sleeve fits VERY snugly around the scoop. This is essential to keep it from creeping up the scoop and falling off over time. If you've ever installed a rubber grip on a bicycle handle or something similar, then you know what to expect here.

Tools you'll need include: A small bowl with some soapy water, paper towels or a rag, and possible some needle nosed pliers.

### Installation:

#### Step 1:

Wet the sleeve in a bowl of mildly soapy water (a couple of drops of dish soap to a half cup of water should do). Make sure to fully wet the inside of the sleeve. While the sleeve is in the water, wrap a paper towel or a rag tightly around the base of the scoop. This will absorb any drips before they can get into your game. You can optionally remove the plastics above the scoop to get a clearer workspace, but we've never had to remove them to get the job done.



#### Step 2:

Install the sleeve by sliding it down the arch of the scoop. This will take some work. The first half will go pretty easy, but it will get tougher as you go. Take your time, work it down by gripping low on the sleeve and pushing down, then move to the top and push it back and down. Repeat. It will help to keep the metal lubricated by using your finger to apply more soapy water as you go. If you get completely stuck, take a breath, then remove the sleeve by gripping the loose end gently with needle nosed pliers and working it slowly back off. Soak it again in the water, wet the metal with your finger, and try again. We almost always get it on the second attempt. You can also try trapping some extra soapy water inside the sleeve before installing it by putting your finger over the air release hole just under the tip of the sleeve. That same hole will allow the water to evacuate as you slide it on (keep an extra rag handy to catch the fluid). Sometimes it helps to grab the sleeve with the rag or paper towels to improve your grip for sliding it on. Eventually you'll get it!

Note that the scoop sleeve probably won't cover the last millimeter or two of the scoop. This is intentional to allow room for the sleeve to stretch during installation while not interfering with a complete installation... the ball won't hit this low, so don't worry, you're fully protected!

Step 3:

Mop up! If there is any soapy water anywhere on the playfield or in or around the scoop, dry it up with a fresh rag or paper towel. You're done! Enjoy crashing your pinballs into the scoop as hard as you like without that awful cringing feeling!



**Final tip:**

Literally EVERYTHING on this playfield is as sharp as a knife, most definitely including this scoop! During installation and removal be very careful not to slice yourself.

**Contact:**

If anything goes wrong feel free to reach out to [support@ninjacamp.com](mailto:support@ninjacamp.com) or @aniraf on Pinside. I will respond as quickly as possible.