



The World's Finest Tire Repair Products

INSTRUCTIONS

for use with

**Safety Seal Plus
The Liquid Patch® Black**

These instructions are intended for Safety Seal® products only

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CAUTION

- ◆ Before using this product, read and fully understand the instructions. This is necessary to prevent injury to the operator and damage to the product and or tire being repaired.
- ◆ Always wear appropriate eye protection when repairing a tire.
- ◆ DO NOT use this product if it is visibly worn, distorted or damaged.
- ◆ DO NOT attempt any type of tire repair if any of the following conditions exist
 - ✓ tire has less than 1/16 inch tread depth
 - ✓ puncture is greater than 1/4 inch diameter
 - ✓ structural damage to tread, carcass, inner liner, or bead (including cracking, bubbling, ply separation, etc.)
 - ✓ sidewall puncture
 - ✓ tire has been inflated with any flammable gas
 - ✓ perforating object cannot be located
 - ✓ perforating object is not straight indicating the puncture path is not straight
 - ✓ little resistance is felt when inserting the repair
 - ✓ evidence that the tire has been driven under-inflated
 - ✓ evidence of possible structure/internal damage
- ◆ The tools provided with this kit are only intended to be used with Safety Seal® products and they should not be modified or used for any other purpose.
- ◆ North Shore Holdings, LLC cannot be held responsible if the end user alters and/or damages the product or does not use the product in accordance with these instructions.

STEP 1 INSPECT

Place the tire on a spreader with the puncture at either the 8:00 or 4:00 position (Image 1). Mark the location of the puncture both inside and outside the tire (Image 2). Remove the puncturing object, noting the penetration path, and inspect the location to determine if there is damage to the inner liner, belts, carcass or tread.

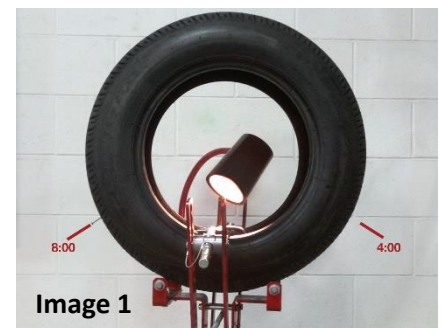
STEP 2 PROBE

Apply some Lube to the Spiral Probe and, from the inside of the tire, insert it in the puncture, carefully following the puncture path.

Once approximately half the length of the Spiral Probe is inserted, rotate the handle in a circular motion several times (Image 3). This rotating displaces the steel belts without damaging them, allowing for easier insertion of the Safety Seal® repair. No rubber is removed and the actual puncture is not enlarged.

STEP 3 PREPARE

Use Safety Seal® Inner Liner Prep & Primer® to clean the area around the puncture following instructions on the label (Image 4). Repeat if necessary to remove all oil and debris.



STEP 4 PLUG

Apply a small amount of Lube to the tip of the side open needle (Image 5). From the inside of the tire (Image 6), insert the needle into the puncture until the entire opening of the needle is visible beyond the tire tread (Image 7). Insert a repair through the side opening so that equal lengths are on each side of the needle (Image 8). Pull the repair slowly through the tire until the repair can be released from the needle (Image 8).

NOTICE: if the puncture you are repairing is 1/8 inch or less, use a Safety Seal® SLIM® 4" repair.

If the needle hooks a steel belt or the repair is too difficult to pull through, push the needle back through the tire and rotate the needle in a circular motion. Check the repair to ensure it is still centered on the needle then pull the needle through the tire as directed above.

STEP 5 SEAL

Rotate the tire so that the repair is at the 6:00 position (Image 9). Apply a liberal coating of Safety Seal Plus Liquid Patch® Black in a circular motion, starting at the top of the repair and working down to the base and inner liner (Image 10). Allow adequate drying time.

STEP 6 CHECK

Remount the tire and inflate to the manufacturer's recommendation. Cut off excess repair. Check for leaks with Safety Seal® Seek-A-Leak® leak detector (Image 11). If there is any air seepage around the repair, this indicates there may be internal damage or the puncture is too large, and the tire must be dismounted for inspection.

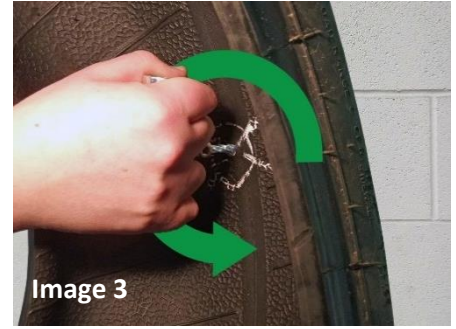


Image 3



Image 4



Image 5



Image 6



Image 7

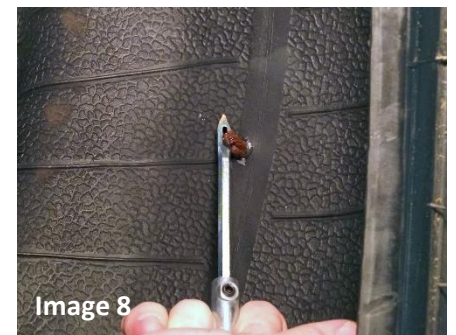


Image 8



Image 9



Image 10



Image 11



SAFETY SEAL®



“The Ultimate in Tubeless Tire Repairing”

What Makes This Product So Different?

TESTING

Road, laboratory and test track work proves Safety Seal® makes a perfect seal at the inner liner. Endurance tests under adverse conditions have proven that Safety Seal® can outlast the tire.

QUALITY

Safety Seal® is a scientifically prepared product, the result of years of research and road testing. Production runs are laboratory tested to ensure quality and reliability.

VULCANIZED

The first 100% vulcanized rubber-fiber repair material.

NON-WICKING

Wicking, or drying out of a rubberized repair cord, is caused by movement of the rubber sealant away from its retaining fiber. This happens when the sealant is not vulcanized and will flow out under heat and pressure, leaving a bare string which leaks. In a Safety Seal® repair the sealant is vulcanized and will not flow under heat or pressure.

PRODUCT MAKE-UP

Made from the same ingredients as the tire itself – rubber and fiber. Safety Seal® comprises multiple strands of high-grade synthetic yarn completely embedded in a vulcanized rubber composition. Each strand is individually coated and then twisted into a durable repair material.

SIMPLICITY

Easy to use. With the patented insert tool, tires can be repaired in minutes with little effort.

VERSATILITY

One repair does it all. Due to its pliability, Safety Seal® will conform to the shape of the puncture.

ECONOMICS

Safety Seal® is the best repair on the market, outlasting the tire and minimizing returns.

SHELF LIFE

Oxidation tests indicate the shelf life of Safety Seal® is in excess of six years.