



The World's Finest Tire Repair Products

INSTRUCTIONS

for use with

**Original Safety Seal®
Heavy Equipment
Self-Vulcanized Tire Repair**

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
 - ✓ 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.
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WARNING

- ◆ DO NOT repair punctures larger than 1/4" if the vehicle is driven over the road.
 - ◆ Multiple repairs can ONLY be used if the vehicle is driven off road at low speeds.
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STEP 1 IDENTIFY

Locate the damaged area of the tire and remove the puncturing object, noting the path into the tire. If there is any question as to the direction of the puncture path, insert the Heavy Equipment Spiral Probe with a small amount of lube. The probe will follow the path.

STEP 2 REPAIR

Insert a 16" Safety Seal® Heavy Equipment repair into the Heavy Duty Insertion Needle with equal lengths on each side of needle. A maximum of 3 repairs can be used per puncture (Image 1). Place a small amount of Lube on the tip of the Insertion Needle.

Following the path of the puncturing object, firmly push the Insertion Needle, with the repair(s) into the puncture until the handle of the tool touches the tread (Image 2). Slowly retract the Insertion Needle to deposit the Safety Seal® repair in the puncture.

STEP 3 FINISH

Trim off any excess repair using the razor blades provided in the kit, leaving 1/4" exposed. Inflate the tire to manufacturers recommended air pressure. Keep yourself and others clear of the tire while inflating.

Check for leaks with Safety Seal® Seek a Leak leak detector (Image 3). If there is any leakage the tire should be dismounted for inspection. If needed, additional Safety Seal® repairs can be installed to get the equipment a short distance to a repair facility.



Image 1



Image 2



Image 3



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. No messy cement required.

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.