



## EMERGENCY TIRE REPAIR KIT

Thank you for choosing this fine product from GRIOT'S GARAGE. The EMERGENCY TIRE REPAIR KIT is a perfect tool to keep in your vehicle or garage. It allows you to plug a puncture in your tire and get you back on the road.

### **IMPORTANT REPAIR INSTRUCTIONS**

The tire should have at least 10 psi of air before starting the repair. The more air in the tire the better. If you don't have access to an air supply and the tire is deflated, do not drive on an underinflated tire. Locate the object creating the air loss and mark it with the enclosed yellow marking crayon. You can find the location of air loss by using soapy water on the tire. The leaking air will create bubbles. Carefully remove the object using a pair of pliers. If it doesn't come out easily it may be bent beneath the tread. Slowly twist and pull. If the object which made the puncture is gone, use the soapy water to determine the location. Once the object is out, use the reaming tool (it has a pointed and knurled shaft) to probe the hole. Determine the direction of the puncture, apply the lubricant (it's in the white jar) to the shaft of the reaming tool and ream out the hole to create a clear path. Sidewall punctures or holes larger than  $\frac{1}{4}$ " should not be plugged. These type of punctures should be inspected and repaired by a professional tire shop.

Using the end-slotted needle tool (it has a shaft with an opening at the end), thread one plug through the hole on the end of the tool. Bend and pull the plug back so the loose ends lay along the tool's shaft. Arrange the ends of the plug so that one is two thirds the length of the other. You don't want the plug, as it sits in the hole, to be even on both sides. Use the lubricant and push the tool, with the plug in place, into the hole in the tire. Be sure to go all the way through the tire. Remove the end-slotted needle tool and the plug should pull out of the tool, remaining in the tire. For larger holes you may want to put two plugs in. Use the utility knife to cut off any excess plug which may be hanging out of the repair.

Refill the tire to the manufacturers recommended air pressure and check the area for leaks.

### **WARNINGS AND CAUTIONS**

Any repair/plug you have performed should be inspected by a professional tire shop as soon as possible. They may determine the tire should be removed from the rim and patched from the inside. Sidewall punctures, cuts, tears, tires with tubes and holes exceeding  $\frac{1}{4}$ " should not be plugged. Avoid high speed driving or high load cornering on a tire which has been plugged. Recheck repair and proper tire inflation regularly until the tire is inspected by a professional. If the tire was driven on while flat, have it inspected by a qualified tire repair technician. Do not use this tool on a tire which contains an aerosol inflator/sealant.

### **DISCLAIMER**

GRIOT'S GARAGE is not responsible for the misuse of the EMERGENCY TIRE REPAIR KIT or for any injury or damage incurred to any person or object related to the EMERGENCY TIRE REPAIR KIT.

### **ANSWERS TO YOUR QUESTIONS**

Should you want to order another EMERGENCY TIRE REPAIR KIT, or for a complete selection of quality GRIOT'S GARAGE products, please write, use the internet or call us toll-free at **800-345-5789**. Reorder item number 36850.

*Have fun in your garage!*

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