



## Recovery Tire Repair Kit

For proper use and safety, please read all instructions **BEFORE** you begin.

### Important Safety Information



- **CAUTION** - The Recovery Tire Repair Kit is designed as a temporary repair. Consult a local tire repair shop for repair or replacement of the damaged tire.
- If repairing the tire while it is still on the vehicle, make sure vehicle is on level ground and secure, unable to roll.
- Tire Plugs are not designed for sidewalls or punctures greater than 1/4" - See a local tire repair shop
- Remember, tires are under pressure. Residue air can and will escape during the repair process.
- Always wear safety glasses when working with pressurized items such as tires.

### Contents **NOTE:** Actual product may vary from image.

- T-Handle Reamer
- T-Handle Insertion Needle
- Needle Nose Pliers
- Pencil Air Pressure Gauge
- Rubber Cement
- Folding Knife
- 4-way Valve Stem Tool
- (4) Sheets of Tire Plugs
- (2) Internal Tire Patches
- Mending Wire
- (2) Replacement Valve Stems
- Allen Wrench for T-Handles
- Carrying Case



### Plug Repair Steps

**1** Using provided needle nose pliers, remove object that caused puncture. Take care, especially if the tire still has residual air pressure. Air will escape using the repair process.



**2** Place a small amount of rubber cement on the T-Handle Reamer tool. The cement will act as a lubricant during repair and help seal the puncture when it dries.



**3** Insert Reamer in puncture. Cycle the reamer through the puncture wound while twisting the reamer. This will open the rubber slightly while repositioning the steel belts to make room for the plug.



**4** Thread a plug through the T-Handle Insertion Needle. Adjust needle to middle of the plug. Flattening the end of the plug will help get it started through the needle.



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If all the air had escaped, add more to the tire. This will help give the tire resistance to push against.

Place a small amount of rubber cement on plug where it meets the insertion needle.

Firmly push insertion needle and plug through the puncture. Push plug through to leave approximately 3/8" (10mm) showing.

Pull the tool out at the same angle you inserted it.



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Trim excess plug with the provided blade in your Recovery Tire Repair Kit.

Reinflate the tire to standard operating pressure.

Using water, check for bubbles created by a leak in the plug. If there is a leak, remove plug and repeat all steps.

Check tire pressure consistently to ensure repair is complete



## Patch Repair Steps

NOTE: Tire needs to be dismantled  
from wheel to use

CAUTION: The wire and patches included in this kit are designed for temporary sidewall repairs in the event of an emergency. A qualified repair facility should be consulted for a long term solution.

- Rough up the area around the puncture on the inside of the tire. Clean and Dry before starting repair.
- Thread wire in and out around the puncture wound, pulling the halves of the tire together.
- Apply the supplied rubber cement all around the affected area, including the puncture points from the wire.
- Remove silver backing of patch and coat with cement.
- Apply patch to back side of tire at puncture.
- Let cement dry before adding air
- Get vehicle to tire repair shop as soon as possible.

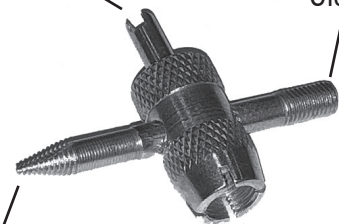
## 4-way Valve Stem Tool

Valve Core Removal

Internal Valve  
Stem Thread  
Cleaner

Valve Stem  
Reamer

External Valve  
Stem Thread  
Cleaner



## Congratulations!

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