**NAIL HOLE REPAIR PROCEDURES**

For Passenger, Light Truck and Truck Tires

**IMPORTANT!**

ALWAYS demount the tire from the rim and calculate a through hole with your inspection equipment. Do not demount the tire by hand or with a ball bearing stitcher.

**WARNING!**

1. Repair products are not designed for use in a passenger car or truck. Always consult your equipment manufacturer and any safety precautions that your equipment manufacturer provides. The data presented is not intended to be an exhaustive list.

2. Precautions must be taken to protect the integrity of the tire tread, beads, and tread/belt. The data presented should not be construed as a replacement for the manufacturer’s recommendations.

3. Always ensure the tire is returned to the wheel and complete a balance and inspection test of the tire to ensure compatibility.

4. Minimum grinds or radial body cable cuts can be made when repairing medium truck two-piece repairs in passenger tires.

5. Always consult the tire manufacturer for recommendations.

**DO NOT REPAIR A TIRE WITH:**

- DO NOT REPAIR A TIRE WITH TWO PIECES REPAIR
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**NON-REPAIRABLE TIRE CONDITIONS**

- **OVERTURE HOLE REPAIRS**
- **NEED TO REPLACE SOFT**
- **Blow Out Flat**
- **Excessive Damage**
- **Interim Damage**
- **Non-Removable Repair**

**GENERAL SAFETY INSTRUCTIONS**

1. Always perform proper safety instructions and each tool used. Always consult your equipment manufacturer and any safety precautions that your equipment manufacturer provides.

2. Always ensure that the repair is performed by a properly trained technician. Always consult your equipment manufacturer and any safety precautions that your equipment manufacturer provides.

3. When working with solutions, rotary tools, sharp-edged tools, hot devices and hot materials, always ensure that the repair is performed by a properly trained technician. Always consult your equipment manufacturer and any safety precautions that your equipment manufacturer provides.

4. Always keep dangerous tools, solutions etc. out of the reach of children and unauthorized persons.

5. Some "run-flat technology" tires cannot be repaired. Consult tire manufacturer for their repair limits.

6. Repair limits should be based on recommendations or repair policy of the tire manufacturer.

7. Always ensure the tire is returned to the wheel and complete a balance and inspection test of the tire to ensure compatibility.

8. Always consult the tire manufacturer for recommendations.

9. Repair where a "Tire Sealant" has been used.

10. Repairs that are outside of the repairable areas stated above will not require a section repair to be performed at a Full Service Repair Facility.

11. Only PROPERLY TRAINED TIRE REPAIR TECHNICIANS SHOULD PERFORM THESE REPAIRS.

12. When working with solutions, rotary tools, sharp-edged tools, hot devices and hot materials, always ensure that the repair is performed by a properly trained technician. Always consult your equipment manufacturer and any safety precautions that your equipment manufacturer provides.

**REPAIR UNIT SELECTION**

1. Always consult the tire manufacturer for recommendations.

2. Always ensure the tire is returned to the wheel and complete a balance and inspection test of the tire to ensure compatibility.

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**Step 1 Inspect**

1. Inspect the tire on the outside.

2. Inspect the tire on the inside.

3. Place the Spreadex.

**Step 2 Pre-Clean**

1. Apply pre-buff cleaner.

2. Ceramic Away contaminants.

**Step 3 Drill**

1. Drill the injury channel.

2. Clean the channel.

3. Inflate the tire.

**Step 4 Fill the Injury Channel**

1. Insert the injury channel.

2. Insert the stem.

3. Cut the stem.

**Step 5 Buff**

1. Mark the repair area.

2. Buff the repair area.

3. Cut the injury channel.

4. Install the repair unit.

**Step 6 Post-Clean**

1. Brush.

2. Mound.

**Step 7 Install**

1. Install the repair unit.

2. Install the bolts.

3. Install the rubber area.

**Step 8 Finish**

1. Apply repair sealant.

2. Cut the stem.

3. Inflate the tire.

4. Check for leaks.

5. Balance the tire.

6. Re-mount the tire.