

MINICOMBI

Nail Hole Repair Procedures for Passenger, Light Truck and Truck Tires

Tires must be removed from the wheel to perform permanent and proper repair.



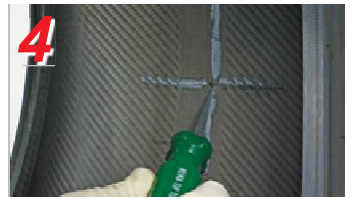
1 Inspect and mark the tire on the outside. Deflate the tire and remove from the wheel. Place on tire spreader.



2 Locate and remove the penetrating object.



3 Mark the injury on the inside.



4 Inspect the injury. If the angle of the injury channel is less than 15 degrees, a one-piece repair system can be used.



5 Apply pre-buff cleaner.



6 Scrape away contaminants while the Pre-Buff cleaner is still wet. Repeat 2-3 times.



7 Drill the injury channel using a low speed buffer (<1200 rpm) from the inside-out three times.



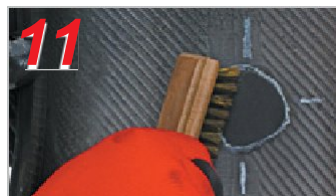
8 Drill the injury channel using a low speed buffer (<1200 rpm) from the outside-in three times.



9 Mark around the repair unit.



10 Lightly buff the repair area using a low speed buffer (<5,000 RPM) with a clean buffing rasp, 18 to 36 grit.



11 Clean the buffed area with a 6014 Brass Brush by brushing the area several times in one direction.



12 Use a vacuum to remove all debris from the inside of the tire.



13 Apply BL-8F Special Blue Cement to the injury channel using a #190 awl.



14 Apply a thin, even coat of BL-8F Special Blue Cement to the buffed area using a clean brush.



15 Relax the tire beads and then Install the MINICOMBI Repair Unit by inserting the guide pin and stem from the inside outwards.



16 Pull the guide pin from the outside. Re-grasp on the rubber portion of the stem and pull until the MINICOMBI base is flush with the tire and slightly dimples.



17 Stitch thoroughly from the center outwards. Continue several times in different directions.



18 Apply 76F Innerliner Repair Sealant to the base of the MINICOMBI and any still exposed buffed areas.



19 Re-mount & inflate the tire. Cut the stem & buff. Check for leaks and balance the tire.