

Repairing the Injury

All tires below 15 PSI will be dismounted and inspected to check for injuries and damage.



CRITICAL TO
SAFETY

Use a face shield and gloves before repairing the injury

DOT tires with the following conditions cannot be repaired:

- Injury larger than 1/4 inches in diameter
- Damage in sidewall or shoulder
- 2/32nds inches or less in tread depth remaining
- DOT 10 years old or older
- Three pre-existing repairs or more
- Existing non-USTMA repair (does not meet our repair guidelines)
- Failed repair (we will not re-repair any existing repair)
- Overlapping repairs
- Severe tire conditions (“Stop” sign on *Common Tire Conditions* poster)



CRITICAL TO
QUALITY

Check Your Work

- Smooth the patch area to a black, velvet-like texture using the brass brush.
- During the repair process, the Quality Checkmark will be visible for future identification.
- If TPMS is present, the sensor components will be rebuilt. Also, replace valve stems.
- After the tire is repaired, dunk the assembly on both sides to confirm the quality of the repair and to check for any leaks.

The Whys

- A hole larger than 1/4 inches cannot be sealed properly to keep the elements out of the belts of the tire.
- Sidewall and shoulder repairs cannot hold up to the constant flexing of a tire during use.
- Patches cannot seal properly if they overlap. Holes that are so close together also cause the tires structure to be weakened too much to hold up properly.
- Tires with 2/32nds inches or less of tread cannot be serviced because they no longer are within the legal tread limits of a safe tire.
- Only tires with proper USTMA repairs may be serviced or put into service because they are the only repairs that meet all the safety standards set by DT/AT and the USTMA.
- A failed repair may cause additional damage to the tire; therefore, we will only repair an injury once.
- If a tire is repaired more than three times, its construction is weakened too much to put back into service.
- The presence of a severe tire condition means the tire is already unsafe, and therefore cannot be repaired.