

LINCOLN MODELS

300 Passenger Size

400B Passenger-Truck thru 11:00 - 22.5

500 Small Tractor

1000 Most all sizes Truck & Tractor many grader tires.

Your LINCOLN Vulcanizer will make a more permanent reliable repair to tube and tubeless, radial and bias ply tires than cold patches, plugs or sizzle patches. Electricity operated heat units flow repair material into the entire injury area, protecting fabric and wire cord from moisture and contaminates. Also seals off inner liner to eliminate air leakage.

SMALL NAIL HOLE REPAIR INSTRUCTIONS

1. Probe injury with a probing awl to remove any foreign material and to determine direction of injury.
2. Clean a 2" diameter area around injury with a good grade of liquid rubber buffer/cleaner to remove any rubber lubricant on inside of tire.
3. Thoroughly buff this same area, taking care not to penetrate liner.
4. After the test area has been cleaned and buffed, a coat of vulcanizing cement should be applied over the entire area and allowed to dry. Care should be taken not to puddle the cement.
5. Select repair material to be used. Contact your repair materials supplier for information on the correct tire repair materials to use. Cut out a small (1/2" diameter) circle of repair rubber then stitch well, starting from the center working out. When heat pressure are applied the small circle will provide material to flow into the nail hole. The larger circle will provide back-up material for the nail hole and also seal off inner making it air tight.
6. Place the LINCOLN Vulcanizer on the tire being careful to center the outside heat unit over the repair. This can be effectively accomplished by marking the exact center of the repair on the outside of the tire and centering the outside heating unit over this mark. (Care should be taken when using this method or centering the Vulcanizer, to be sure that the mark is in the center of the repair, not just at the point where the puncture shows on the outside, since the puncturing object may have entered at an angle.) Screw the handwheel down, tightening it until it is "comfortable" tight. Extreme pressure is not required.
7. Plug the cord(s) of the vulcaizer into a 120v or 240v AC outlet (depending on vulcanizer voltage specified.) making sure the receptacle is in good condition. Allow 3-5 minutes for the heat units to reach vulcanizing temperature. Then allow the repair to cure for the time indicated by the following rule: Generally speaking, most rubbers will cure allowing five minutes curing time for each number of plies in the tire. (E.G., a 4-ply passenger tire would figure 5 minutes x 4 plies = 20 minutes.) If only one heat unit is used increase the time by one-half hour.
8. Remove Vulcanizer from the tire and allow to cool, or quench tire in water. The tire is now permanently repaired and ready for installation on the wheel.

Should you require additional information regarding Repair procedures, please refer to our "SPOT & SECTION REPAIR" pamphlet.

LIMITED WARRANTY

Merchandise requiring repair within six months from purchase date will be repaired or replaced at our option, at no charge, provided it is returned postage paid and show no signs of abuse, misuse, or tampering. A nominal charge is made for repairs or replacements after guarantee is past. No claims for consequential damage are allowed.