REMA TIP TOP

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REMA TIP TOP/NORTH AMERICA, INC.

Tube Repair & Valve Replacement Repair Guide

REMA TIP TOP Tube Patch

REMA TIP TOP offers a wide variety of specially designed one piece construction Inner tube Repair Units. REMA TIP TOP not only offers a wide variety of these Repair Units, but offers them in red or black "Feathered" Edges. The "Feathered", or "Zig Zag" edge, has become REMA TIP TOP's trademark. It allows our Repair Units to grow as the tube is inflated.

REMA TIP TOP Inner Tube Repair

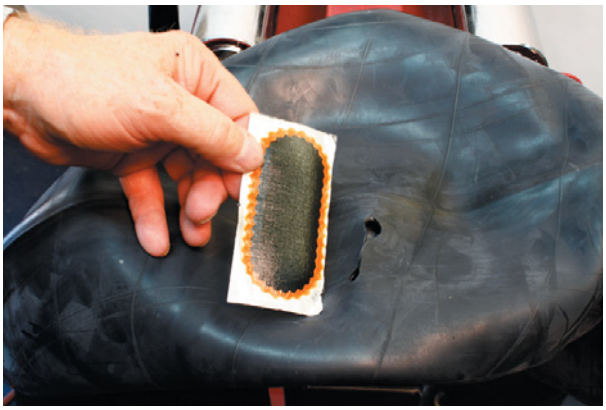
1. Inspect the tube for the extent of the injury.

2. Round, or "button hole" the ends of the split

3. Trim a strip of rubber 1/16" of the length of the injury to prevent chaffing.

4. Spray Pre-Buff Cleaner to clean the repair area.

5. Scrape the contamination from the area.



6. Select proper Tube Repair Unit. The Repair Unit should be approximately ½" larger than the prepared injury.

7. Using a low speed buffer (<5000rpm), buff the desired area.

8. Clean the buffed area by using a brass brush.

9. Apply a thin application of the proper cement and allow to dry.

10. Remove the protective foil from the back of the Repair Unit and apply over the injury / cemented area. Avoid touching the Repair Unit.

11. Stitch vigorously from the center out to remove any trapped air.

12. Remove the plastic on top of the Repair Unit.

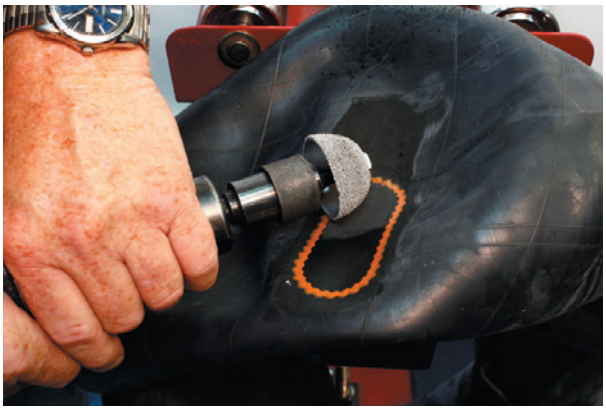
13. Inflate and inspect for leaks.

Daisy Chaining REMA TIP TOP Tube Repair Units

If the injury is larger than the Rema Tube Repair Unit, they may be overlapped, or "Daisy Chained".

1. Inspect the tube for the extent of the injury.
2. Round, or "button hole" the ends of the split
3. Follow steps 4 to 11.

4. Select the appropriate size of tube repair to be used.



5. Buff remaining half of the injury as well as top half of applied Repair Unit.

6. Clean the buffed area by using a brass brush.

7. Cement buffed area including the buffed area of the first Repair Unit. Allow to dry.

8. Remove the protective foil from the back of the Repair Unit and apply over the injury / cemented area. Avoid touching the Repair Unit.

9. Stitch vigorously from the center out to remove any trapped air.

10. Remove the plastic on top of the Repair Unit.

11. Inflate and inspect for leaks.

Repairing a Star Break

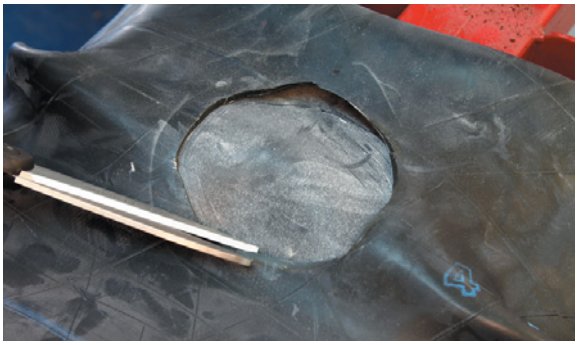
Inspect the tube for the extent of the damage.

If a star break is small enough, the area may be rounded off by simply cutting out the damaged area making sure that all of the injury has been removed. Follow steps 1 to 13 of REMA TIP TOP Inner Tube Repair process shown on pages 2 and 3.

If the break is too large, each break must be removed by following steps 1 to 13 of REMA TIP TOP Inner Tube Repair process shown on pages 2 and 3.

Valve Replacement

1. Remove the old valve

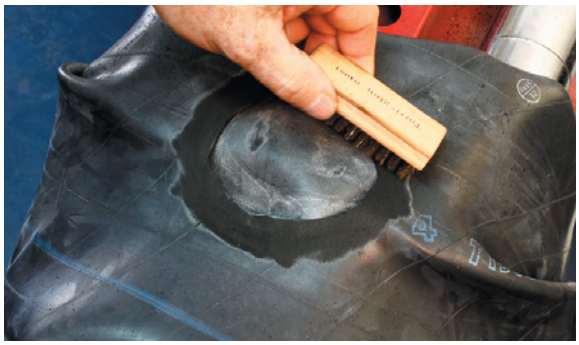


2. Round the injury.

3. Spray Pre-Buff Cleaner to clean the repair area.

4. Scrape the contamination from area.

5. Using a low speed buffer, buff the desired area where the old valve was removed.



6. Clean the buffed area by using a brass brush.

7. Apply a thin application of the proper cement and allow to dry.

8. Remove the protective foil from the back of the Repair Unit and apply over the injury / cemented area. Avoid touching Repair Unit.

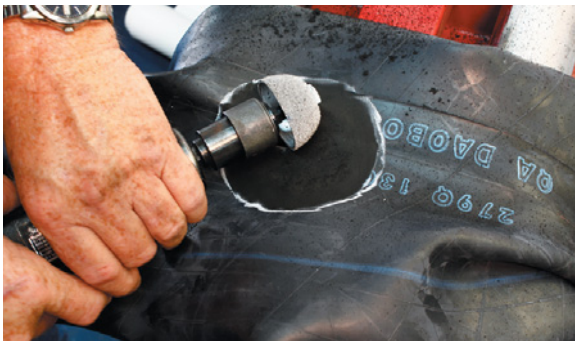
9. Stitch vigorously from the center out to remove trapped air.

10. Remove the plastic from the top of the Repair Unit.

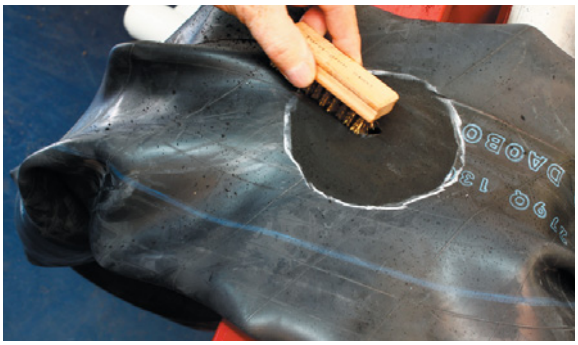
11. Move to the opposite side of the innertube and make a new hole to install the new valve.

12. Use Pre-Buff Cleaner to clean the repair area. Spray and scrape the contamination from area.

13. Mark the area to be buffed.



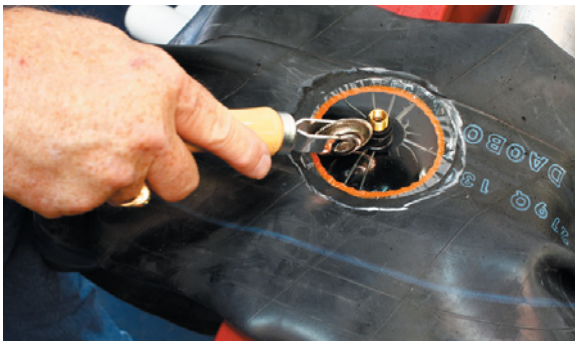
14. Using a low speed buffer, buff the desired area.



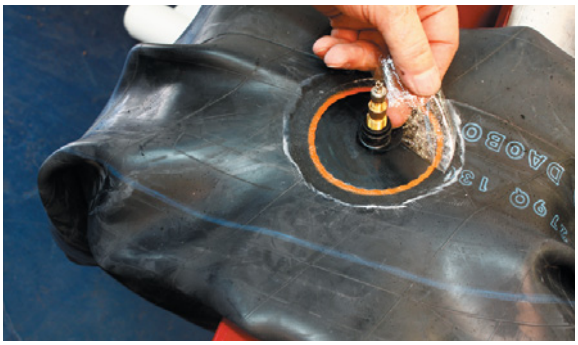
15. Clean the buffed area by using a brass brush.

16. Apply a thin application of the proper cement and allow to dry.

17. Line up the screw-on spud over the new hole and press firmly into place.



18. Stitch the base of valve thoroughly onto the inner tube starting in the center moving outward.



19. Screw on the appropriate spud and the repair is complete

20. Tractor air-water valve replacement on an inner tube, follow steps 1 – 19.

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REMA TIP TOP - Tire Repair Materials

TUBE REPAIR MATERIALS

- Tube Repair Vulcanizing Patches
- Cold Vulcanizing Fluid
- Specialty Tube Repair Valves and Hardware
- Tube Repair Kits

TIRE REPAIR MATERIALS

- Radial Repair Units
- Bias Repair Units
- Plug Stem Repair
- UNIVERSAL Repair Units

OTR RETREAD PRODUCTS

- OTR Retread Radial Repair Units
- OTR Retread Bias Repair Units
- OTR Retread Cements
- Extruder Guns
- OTR Retread Cushion Gums & Repair Cords
- OTR Retread Rope Rubber
- OTR Retread Precure Cushion Gum

RETREAD & SPECIALTY RUBBER PRODUCTS

- Cushion Gum
- Rope Rubber
- Vulcanizing Compounds
- Retread Rubber Products - Specialty Chemicals

TEMPORARY REPAIR PRODUCTS

- Emergency Repairs
- Inserting Tools

CHEMICAL PRODUCTS

- Cements
- Pre-Buff Cleaners
- Bead Sealer/Innerliner Sealer
- Specialty Chemical Products

TIRE MOUNTING LUBRICANTS

- Universal Mounting Paste
- Liquid Mounting Lubricants
- Mounting Compounds
- Tire Mounting Lubricant Brackets, Brushes, Swabs

EQUIPMENT

- Tire Spreaders
- Extruders
- Regroover
- Thermopress II
- Thermopress EM
- Replacement Parts
- VULCSTAR Vulcanizing Machine and Accessories
- Bead Seaters
- EXPEL 30 Filter & Auto Drain Set

TIRE SERVICE CABINETS AND KITS

- Tire Service Cabinets and Kits

SHOP SUPPLIES

- Tire Repair Hand Tools
- Buffing Tools
- Cutting Tools
- Markers and Crayons
- Gloves
- Hand Cleaners
- Tire Talc
- Wheel Service Tools

AIR PRODUCTS

- Air Chucks
- Air Hoses
- Air Vacuum
- Air Compressor Accessories
- Gauges
- Couplers and Nipples

TIRE VALVES & HARDWARE

- Snap-In Valves
- Clamp-In Valves
- Specialty Valves
- Valve Accessories

TIRE BALANCING PRODUCTS

- PrecisionBalance Balancing Compound
- Wheel Weights Tools

TPMS

- TPMS Valve Rebuild Kits
- TPMS Tools & Kits
- TPMS Sensors and Replacement Valves
- TPMS Valve Caps

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