

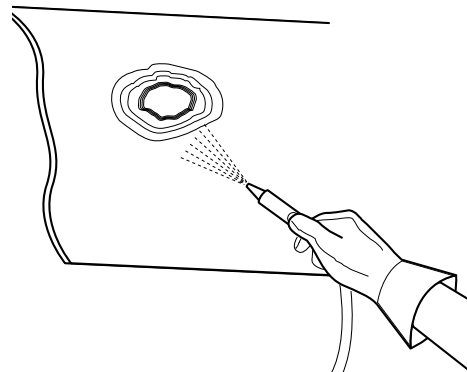
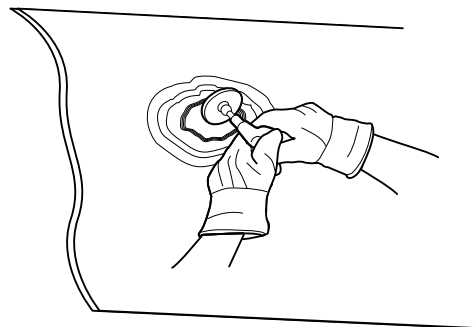
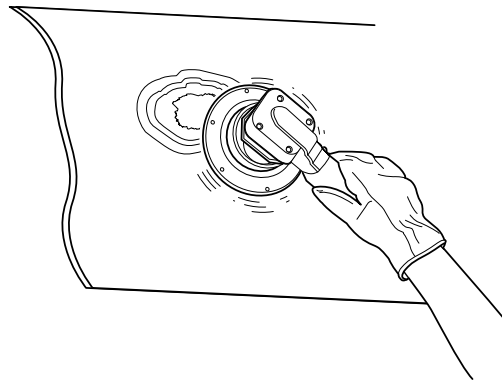
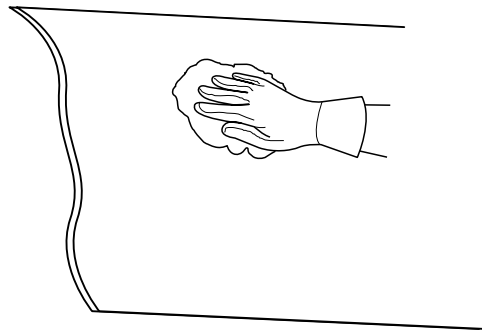
SRIM Composite Repair

The Avalanche midgate and tailgate, as well as the Chevrolet Pro-tec® composite pickup box, can be repaired using SRIM composite repair procedures.

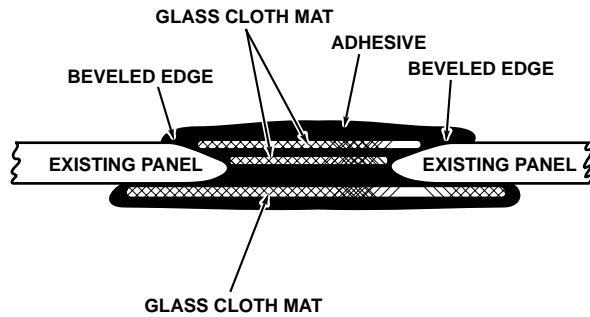
Repair Procedure

1. Remove all related panels and components.
2. Clean front and back sides of area to be repaired.
3. On both sides of the damaged area, use an 80 grit disc on a D.A. sander to feather out the area where repair is to be performed.
4. Bevel the edges on both sides of the damaged area with a 50 grit abrasive disc.
5. Clean the repair area with a tack rag and compressed air.

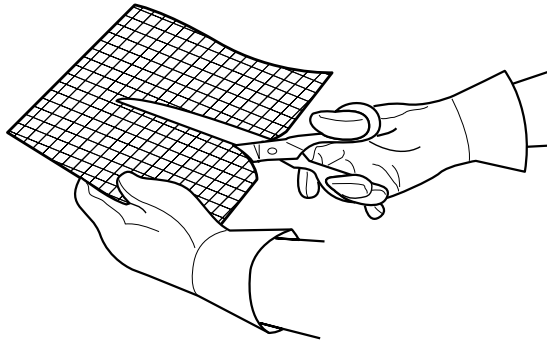
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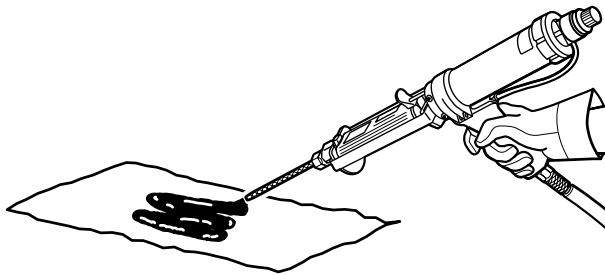
SRIM Composite Repair Repair Procedure con't



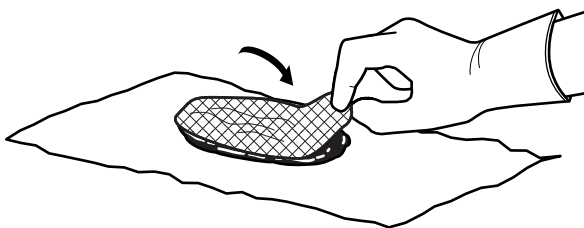
6. Create a multi-layered reinforcement patch, as shown, using the procedure outlined in steps 7–27.



7. Cut one piece of glass cloth mat to form a patch large enough to extend 38 to 50 mm (1-1/2 to 2 in.) beyond the damaged area.



8. Apply an 8 mm (1/4 in.) layer of repair material (contact SIA Adhesives, Inc. customer service at 1-330-374-2468 for SRIM repair kit P/N 30208030001) to a piece of release paper, such as wax paper or polyethylene film, covering an area as large as the glass cloth mat patch.

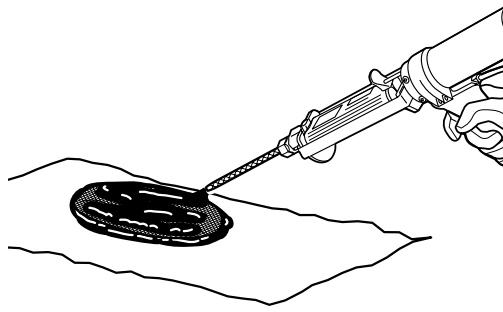


9. Place the pre-cut piece of mat over the pool of repair material.

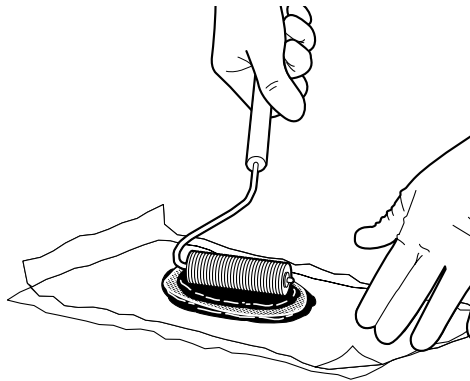
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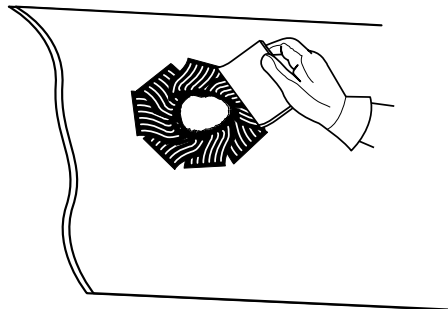
10. Apply an 8 mm (1/4 in.) layer of repair material over the glass cloth mat.



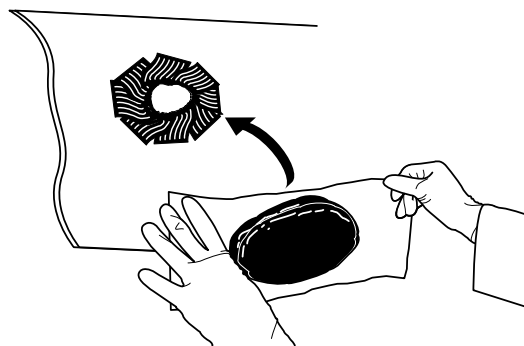
12. Place a second sheet of release paper over the repair patch.
12. Roll patch with saturation roller until the mat is completely saturated with repair material.
13. Separate the two sheets of release paper.



14. Apply repair material over the backside of the damage. Use an applicator to spread repair material 38 to 50 mm (1-1/2 in to 2 in.) beyond the damaged area.



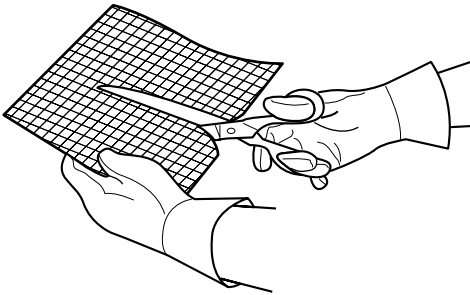
15. Place the repair patch over the backside of the repair area, use an applicator to smooth the patch out and remove all trapped air.
16. Secure the release paper and patch in place with tape.



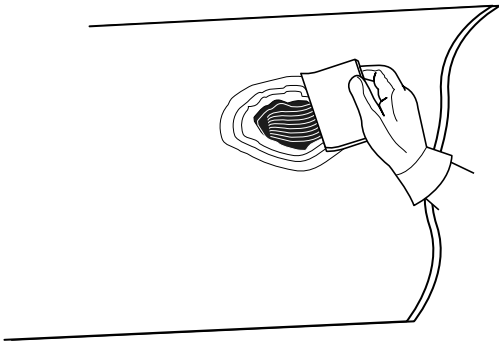
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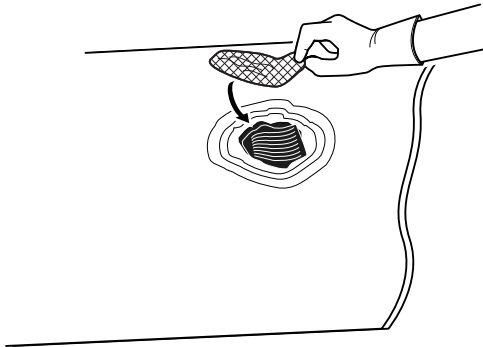
17. Cut two pieces of glass cloth mat large enough to cover the beveled area on the front side of repair.



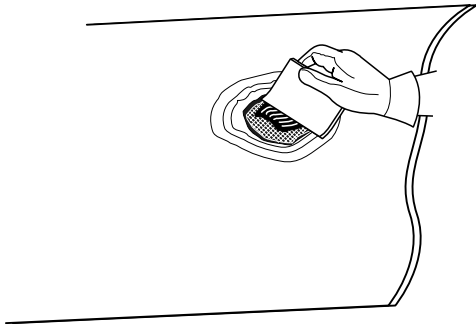
18. Mix and apply a layer of repair material to the front of the repair, repair material should be at a level slightly above the surrounding area.



19. Lay a pre-cut piece of mat into the repair material, use an applicator to saturate the mat and remove all trapped air.



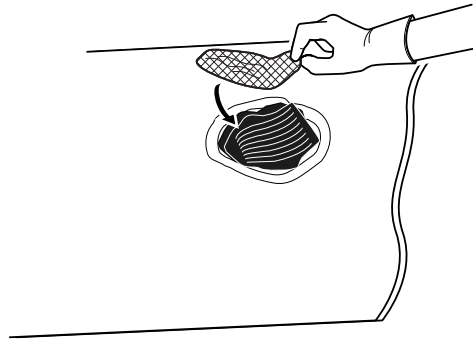
20. Apply a second coat of repair material and smooth out the surface with an applicator.



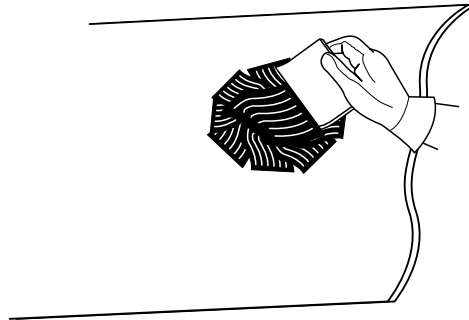
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SRIM Composite Repair Repair Procedure cont'd

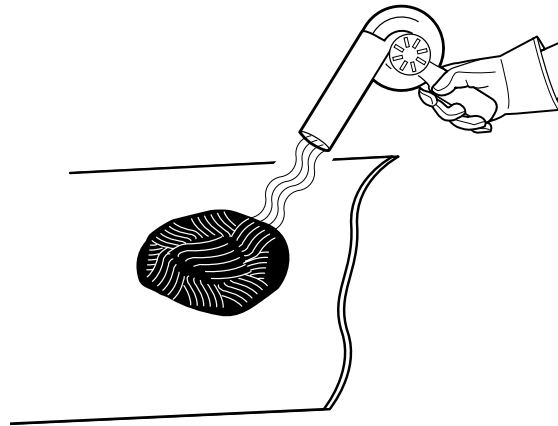
21. Place the second layer of pre-cut mat over the repair material, smooth out and remove all trapped air.



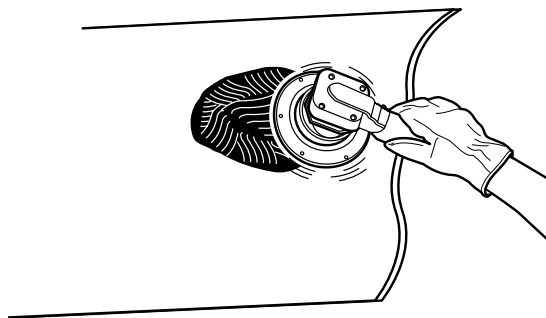
22. Apply a third coat of repair material to the front of the repair, and place a sheet of release paper over it. Use a saturation roller to ensure full saturation of repair material into the mat.



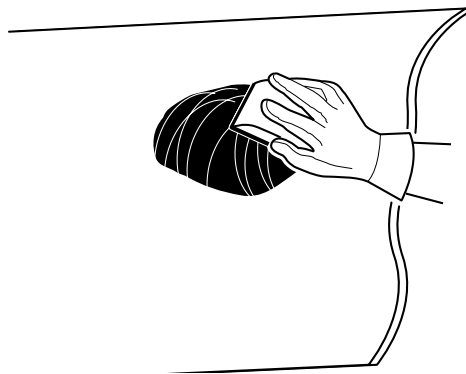
23. Cure the repair material according to the adhesive manufacturer's recommendations.



24. Rough out the repaired surface with an 80 grit disc on a dual-action sander.
25. Apply necessary skim coats of repair material until surface contour is achieved.



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Composite Box Repair Procedure cont'd

26. Finish contour sanding with a 220 grit abrasive or finer.
27. Refinish as necessary. Follow paint manufacturer's recommendations for application instructions.