

## SVE 2015-17 Front Bumper Cover Repair Kit



### Tools needed:

- Jack
- Jack stands
- Drill
- Drill Bit Set
- Step Bit
- Assorted Files
- Painters Tape

1. Lift the vehicle via a lift, or jacks and jack stands.

2. Remove both of the front tires.

3. Remove 8mm bolt on the lower edge of the splash shield.

4. Remove 4 lower push pins on the splash shield.

5. Peel back the shield and tie up to keep it out of the way.

6. On the inside edge of the fender, remove the 7mm bolt between the fender and the bumper bracket.

7. Grab the edge of the bumper closest to the fender and pull away to release any of the tabs if they are still there.

8. Remove the 2 8mm bolts holding the bumper bracket in place and remove this from the car.

9. Take bumper bracket to a clean work bench. Using a set of wire snips, clip off the tab just above the rectangular opening.

10. Using a flat file, clean up all of the remaining casing to make sure this surface is smooth.



11. **Modify the bracket:** Drill a pilot hole just above the rectangular opening. Slowly step up to a larger bit a few sizes up until you can start a Step Bit.

12. Flip the bracket back over and start the step bit. Line this up to the pilot hole and drill it up to the  $\frac{3}{4}$ " step.

13. Take this time to clean up any flash on the bracket from the drilling process.

14. Assemble stud from the bumper repair kit. Thread on one of the supplied nuts with the head facing the ball end and follow this up with one of the supplied washers.

15. Insert this into the hole you have drilled.

16. Insert the stud through the rectangular opening on the fender, loosely install the other washer and nut on the backside and tighten by hand.

17. Install the 8mm bolts from the bumper bracket back in place to make sure this does not shift.

18. Using a small strip of low tack painters tape, put a 2-3" piece on the backside and align it to the stud.

19. From the outside of the car, press down firmly.

20. Pull the bumper back away and you can check for an indentation left by the stud. This is the location where you will want to drill a pilot hole.

21. Hold the bumper back as far as it can go and drill out the pilot hole in this location.

22. On the outside of the bumper apply another strip of tape and center this on the pilot hole.

23. Use a larger drill bit a few sizes up until you can start a Step Bit.

24. Using the step bit again, drill this hole out to  $\frac{3}{4}$ " as well.





25. Using a file, clean up any of the bumper from drilling and remove the tape.

26. Insert the black push button and loosely thread on the supplied retaining nut on the backside.

27. **Adjusting:** Snap the button section onto the stud. Look over the gaps and spacing and make sure gaps are as close as stock as possible. Make any adjustments needed, until placement is correct.

*(Once you are satisfied with the alignment use some blue thread locker to prevent the nuts from vibrating loose.)*

28. Fully tighten down both of the nuts on the stud section with a 10mm wrench and socket.

29. Tighten down the retaining nut on the button using a 15/16" socket.

30. Check fitment one last time to make sure nothing has moved.

31. Now reinstall the 7mm bolt on the bumper bracket.

32. Reinstall all 4 of the inner fender splash shield push pins and the 8mm bolt.

33. Reinstall both of your wheels and torque to spec.



**WATCH THE INSTALL  
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