

Installation Instructions for 84 1/2 GT - 85/86 GT/LX Splitter

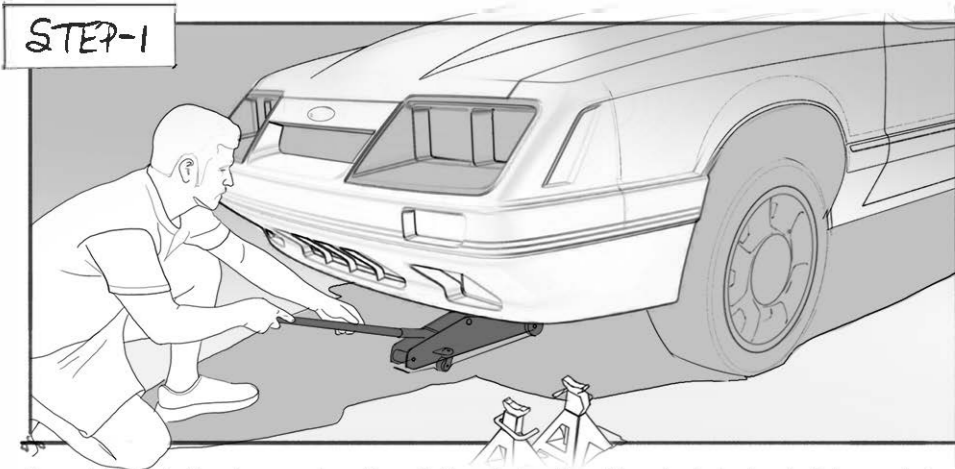
Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.

Install time - Set a side 3-4 hours

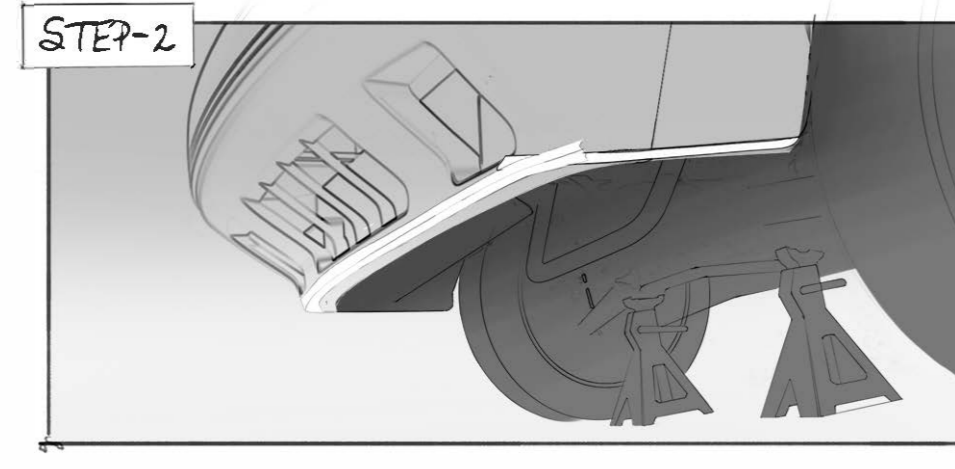
Makers

GARAGE

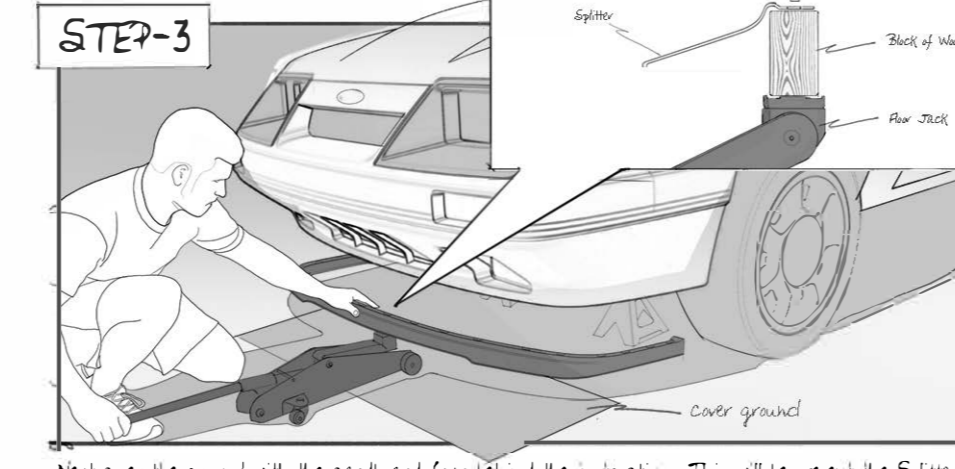
DESIGNED BY MAKERS GARAGE IN MICHIGAN



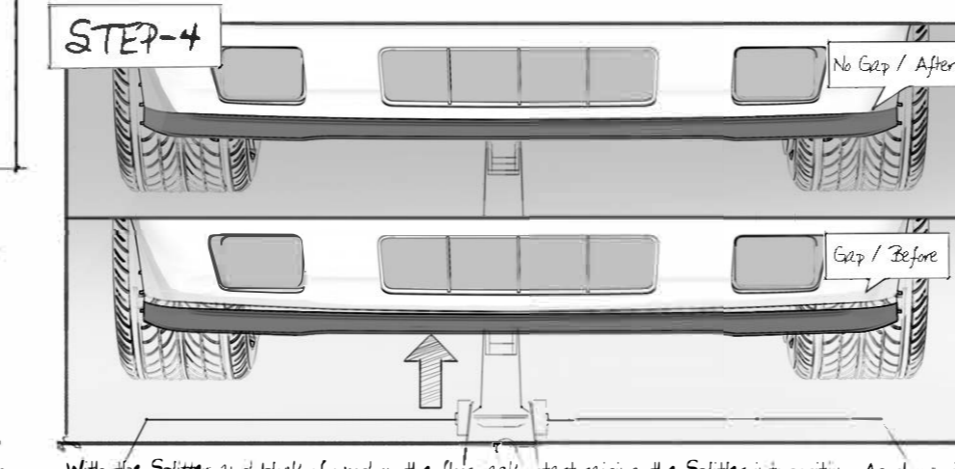
STEP-1
Place vehicle on level surface. Jack up the vehicle and place it safely on two jack stands high enough that you can lay and move comfortably under vehicle (before installation begins - please read the "Possible Issues" box at the bottom of this page).



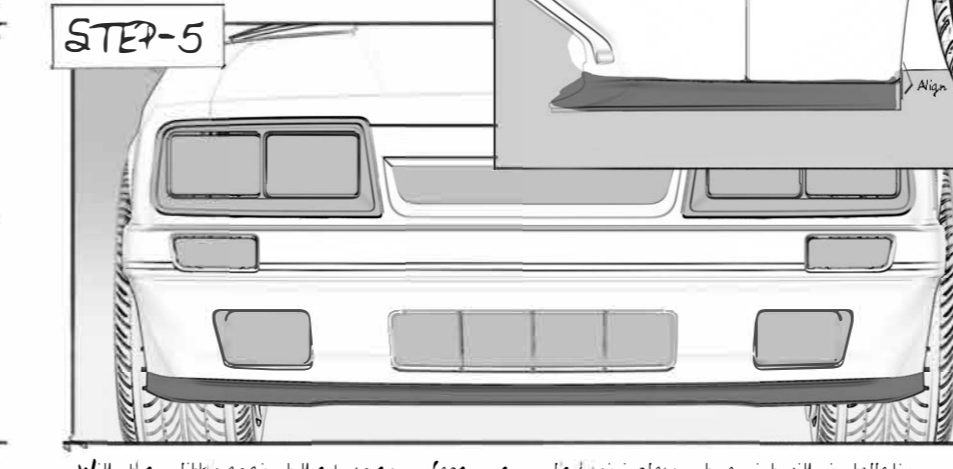
STEP-2
Then put tape on the lower side of the front bumper as shown above. Tape must be tight against surface in order for Splitter to fit closely to bumper surface. The tape is used as a surface to draw marks on that will indicate where you must drill holes. Drilling will take place in Step 7.



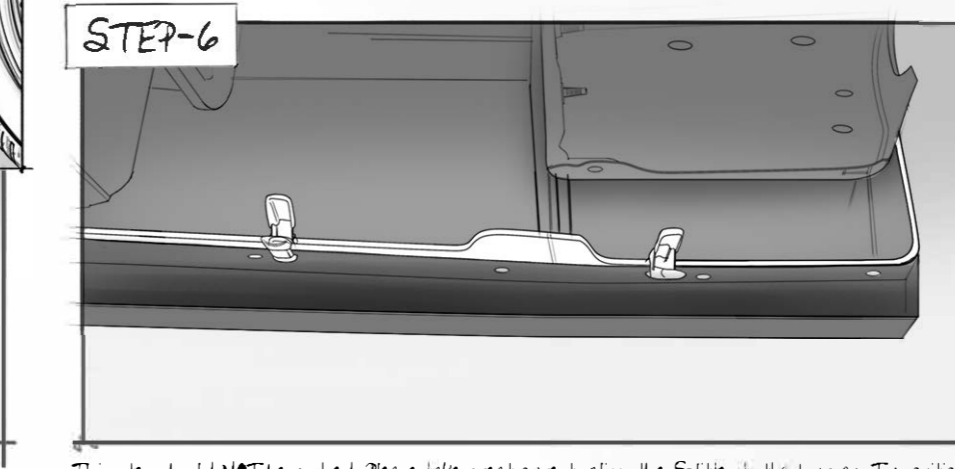
STEP-3
Next cover the ground with the cardboard from behind the instructions. This will be prevent the Splitter from being scratched during installation. Then start raising the Splitter into position. To do so you will need your floor jack from Step-1 and a block of wood as shown in the small cross section image above. The block of wood is used to extend the floor jack up into the splitter and to prevent clamping the Splitter. With the Splitter in place as shown in the cross section, move on to Step-4.



STEP-4
With the Splitter and block of wood on the floor jack, start raising the Splitter into position. As shown in the bottom image (Gap/Before) lift the Splitter so it just touches the lower bumper. You will notice that the Splitter is not the same shape as the lower bumper. This is because over the years the LX bumper has started to sag and lost its original shape. The LX Splitter is designed to help return the lower bumper to its original shape. Keep raising the Splitter and lower bumper until the gap is gone. Stop raising the jack as soon as the gap is gone. Top image (No Gap/After).



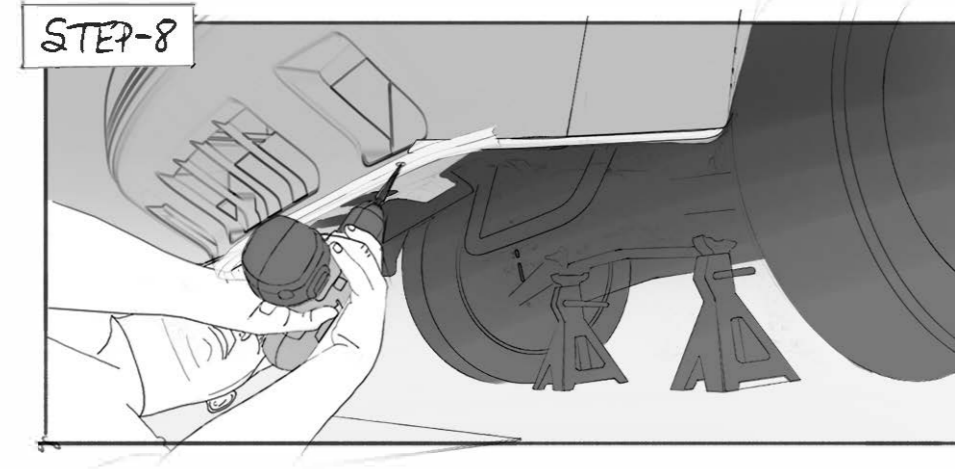
STEP-5
With the splitter against the bumper surface, use supplied mini-clamps to assist with installation. Place two clamps on the left side and two clamps on the right side, clamping the splitter to the lower bumper flange. For additional clamping support, use locking clamps as necessary to assist with drawing the bumper surface to the Splitter. This will depend on how out of shape your lower bumper is. Caution!!! When using locking clamps, use a piece of wood between the splitter and clamps so your splitter doesn't get clamped.



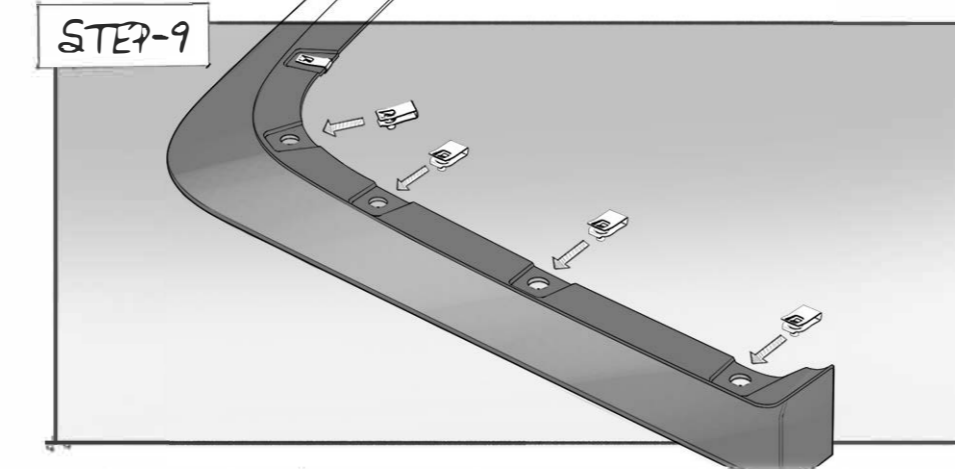
STEP-6
This step should NOT be rushed. Please take great care to align the Splitter to the bumper. Two critical points for alignment are 1) the output in the front edge of the Splitter and 2) the wheel well opening. The output should be aligned to the headlight gap (see dotted line above). Step back from the car about 15 feet to visually check this alignment. In the small image above, the rearward edge of the Splitter should be aligned with the rearward edge of the bumper extension. With both critical points aligned, check forward of the Splitter to the bumper. Use a measuring tape as needed to check alignment.



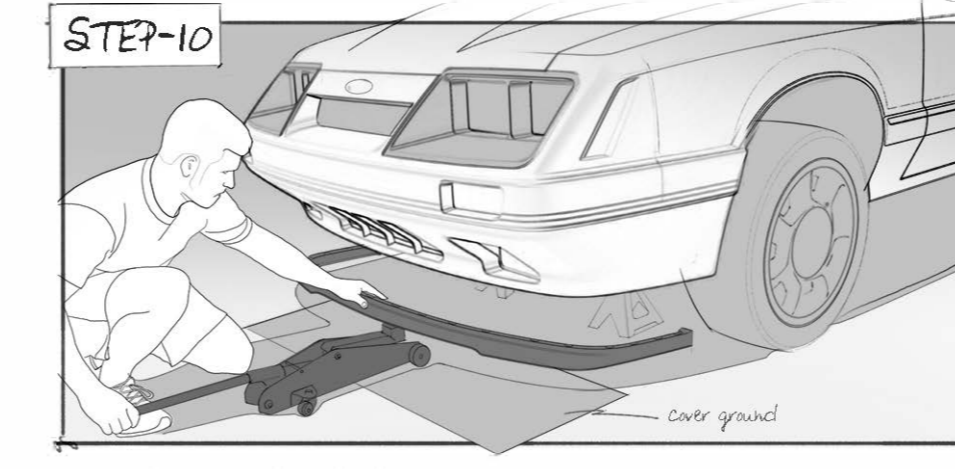
STEP-7
This step should not be performed until the Splitter is fully aligned and perfect



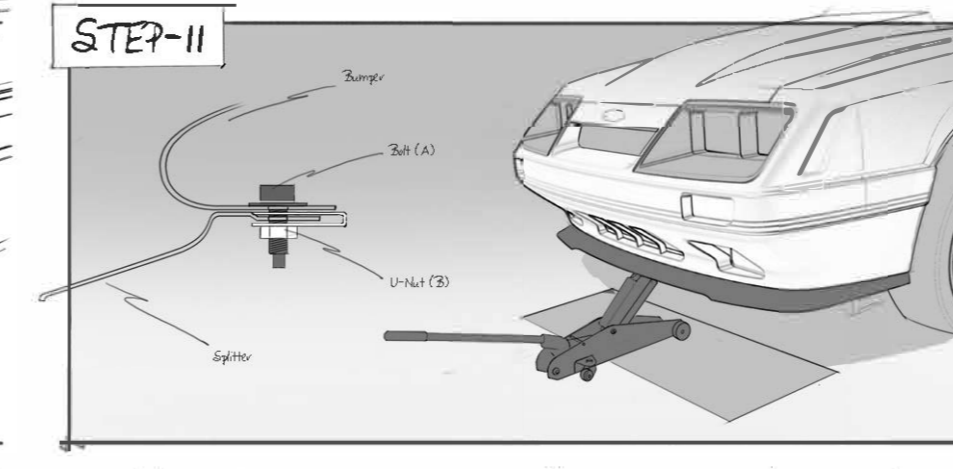
STEP-8
With the mounting holes transferred to the tape surface, remove the Splitter from the car. Using a drill with a step drill bit (preferred) start drilling pilot holes in the center of each circle that has been drawn on the tape from Step-7. Once all 17 pilot holes have been drilled, start increasing the size of the holes slowly until you reach a final hole size of 11/32". After all 17 holes have been finalized, clean the backside of holes to remove bumper material that has been built up. This is important - if you don't do this, the supplied bolts won't sit flush against the bumper surface. Remove tape from bumper surface.



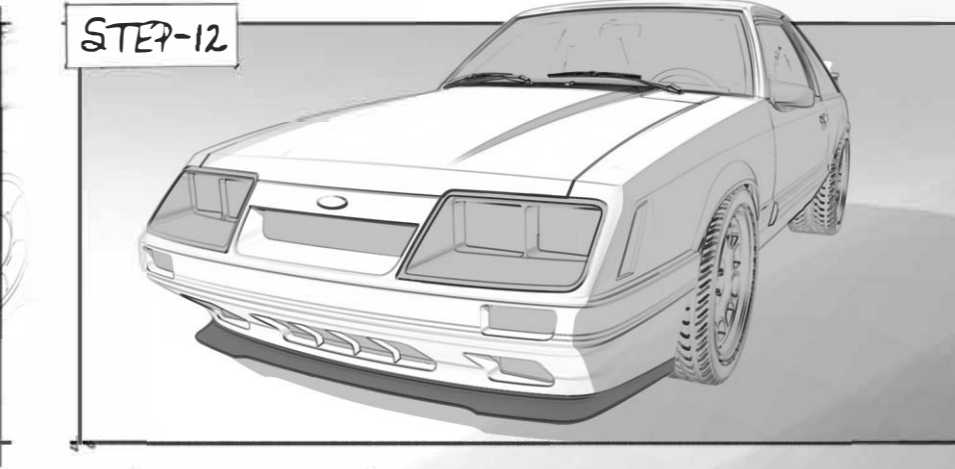
STEP-9
Next, install 17 supplied U-Nuts (B) into the Splitter. Please see exploded view for placement of U-Nuts. Take great care to not scratch Splitter surface. Increase opening in U-Nuts as necessary to help reduce risk of scratching the splitter.



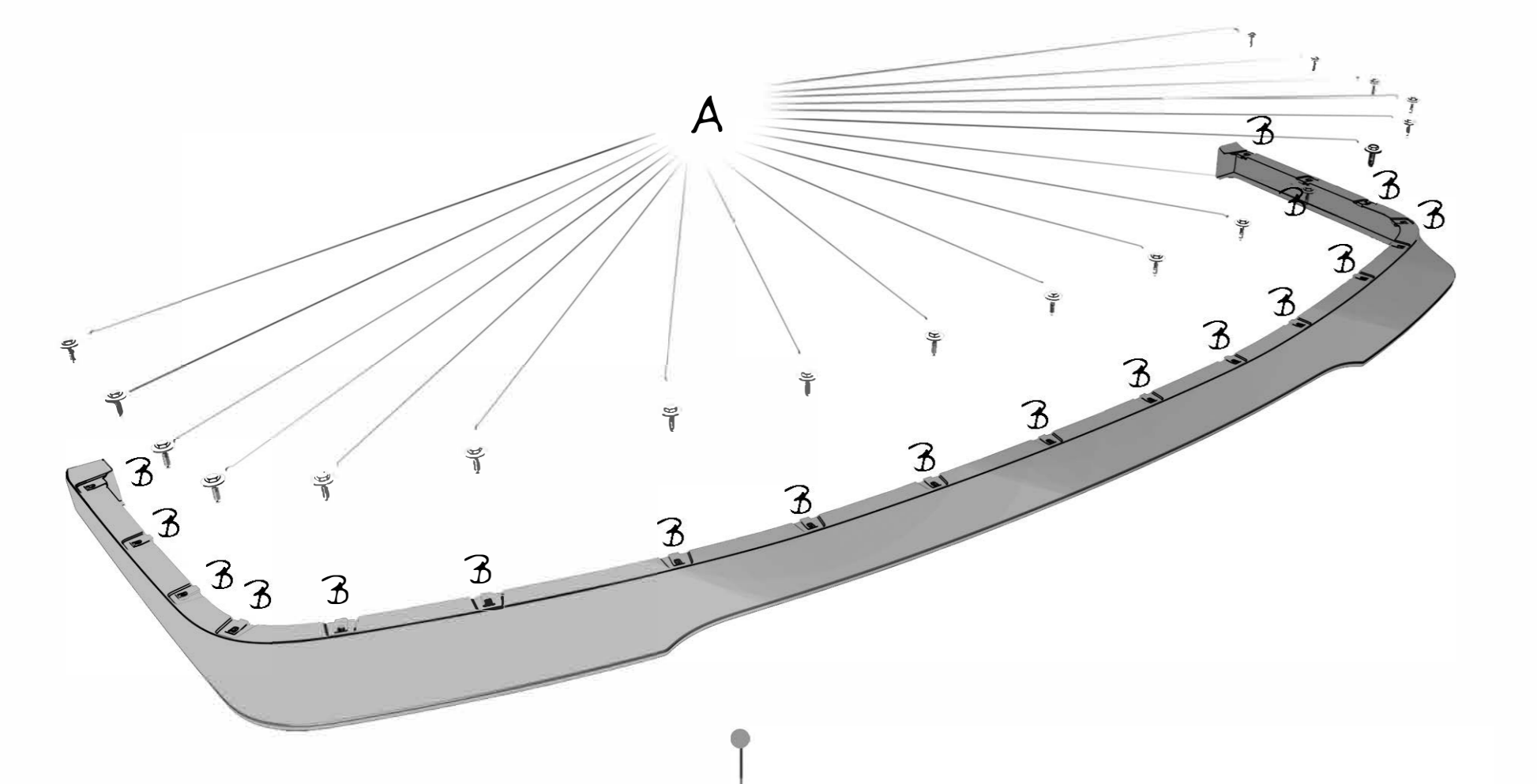
STEP-10
Next, re-install the Splitter using the same procedure as used in Step-3 - 5. Use clamps as necessary to hold Splitter in place.



STEP-11
Now that the Splitter has been placed back into the vehicle using the supplied mini-clamps and locking clamps as necessary, you can start installing the supplied bolts (A). Thread each bolt by hand until all 17 bolts have been installed. Please see exploded view below for bolt locations. With all 17 bolts installed, start tightening the bolts to the surface. Do not over tighten. Due to the number of mounting points, only a minimum amount of pressure is needed to secure the Splitter to the bumper. Over tightening will damage the Splitter and distort the bumper's surface.



STEP-12
By this step, the Splitter should be aligned and fully mounted to the car. Using a floor jack, lift the car from the jack stands and safely lower car back to the ground. Wipe any fingerprints from the Splitter using a soft microfiber cloth. The last thing to do is take a photo and send it to me. I hope you are very pleased with the new look of your car. Please contact me at anytime with installation questions or help. Thanks, Jason



Exploded View

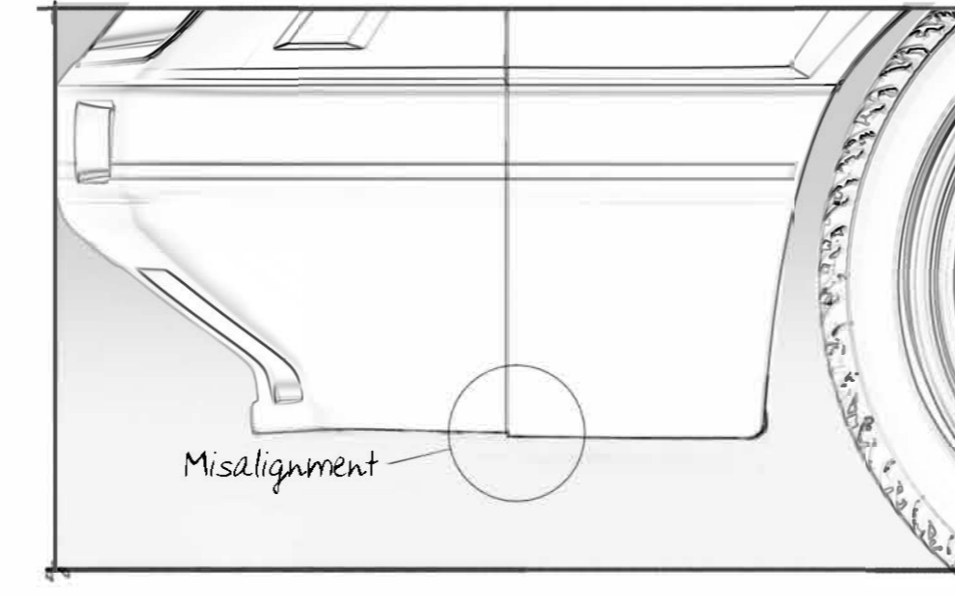
Parts List

- A - Bolts (17)
- B - U-Nuts (17)
- Mini Clamps (4)

Tools Required

- Painter's Tape
- Drill
- Step Drill Bit
- Ratchet / Sockets
- Locking Clamps

Possible Issues



Misalignment between the front bumper and bumper extension can cause the Splitter to not sit flush to the bumper surface. This can be just a simple misalignment between the two parts. If so, the bumper extension bolts can be loosened and the extension can be shifted so that the two surfaces are realigned. The other reason for misalignment could be caused by a reproduction bumper or extension. Alignment may be as easy as realigning the extension to the bumper. Another reason could be that the reproduction bumper or extension was not correctly reproduced and does not work with the adjacent factory bumper or extension. In this case some misalignment may be impossible to avoid.

