

Fesler Flush Mounted glass install tips to keep the glass flush along the rails...

When we test fit a car in house we use rubber lines and cut to about 1 inch wide. Depending on your car and the thickness of your channel you will have to find the right diameter hose for your need. We use three different sizes here. We also use a paint stick and cut to 1 inch wide and place along the edges to equally space the glass all the way around. Some cars may be a little tighter so get a thinner stick. They make a few varied sizes.

The green tape is the paint stick and I left the hose sticking up so you can see how we space it. Here are a few samples to show you how we space height and edge gaps, so they are even.







As you can see we treat all the cars the same way. Every car will have some variations in the glass gaps but that is from the way that these cars were built. We manufactured the glass and test fit it in several cars to get the gaps set and then modify the molds for a universal fit. There is no way to make the glass fit perfect in every car because they were built with very poor-quality control, so no two cars are the same. Even today's new cars have issues with gaps so please take this into consideration when installing the glass. It is always recommended that if you are going to paint your car that is the time to fit the glass for a perfect fit but if it is painted we designed the glass for a very nice fit as you can see in these pics.



We worked very hard to make sure that the glass would fit in every car, but some cars will need a little love for a perfect fit. If you look at cars like this from the Roadster shop you can see all the work that they do to make it look this good.



Here is a brand new 2017 back glass so that you can see how even new cars will have fitment issues. This can be fixed with some urethane spacers, we have glass guys that will actually make spacers, cut or shave them to size and run them every 4-6 inches to hold the glass in place while urethane dries.



Notice how the corners fall off and if you start looking at cars you will notice that over 70% of the cars on the road today have glass like this. It's just something that you don't pay attention to. We have worked very hard to not have our glass do this but on some cars it will form a little different than others so the spacers will help solve this issues because the glass will flex some during install. People use sand bags and other heavy things while the glue is drying to hold in place.

We have lots of tips for installing this glass and here are some good images to show how some people have fixed this issue.

You can see the spacers that they used here all the way around to keep the glass where they wanted it to sit. Here he is priming the edge for the urethane.





This is what the edge will look like all the way around with the spacers. These will let you flex the glass so that you can get the shape you want. You can feel the glass when you flex it and can tell when you are trying to flex it to much.



Some people ask us how to make the urethane look good on the inside, so we figured we would show you one idea. They used a little gasket to keep the urethan in place.



Now for the glass side of the install. Prim the edge all the way around for the urethane. This is a very important step so that the urethane will cure properly.



Here you can see how tall to make the urethane in the next few pics.







This is how your opening should look as it is now ready for the glass to be installed.





We get asked a lot on how to hold the glass in place so here you go, you can tape the edge down and pull hard to get the glass to flex to where you want it.





Remove the tape after 24 hours and you are good to go.





There are a few options for cleaning up the gap...

If you want to finish off the edge, we use a Silicon from Home Depot. It is water proof and will really clean up the channel if you are not satisfied with the way the edge looks. We also have a few different moldings you can use so there are a few good ways to clean up your edge if you don't like it. Most people run open like the white car here. But if you decide that you want to do the silicon here is a tip. Let the urethane dry for 24 hours and come back the next day and fill the gap with silicon, make sure to fill it up good so it is over flowing. Now take a plastic spoon or something like it and push hard in the gap to push the silicon smooth leaving an edge of glass and paint showing. Do not touch this while wet you will make a mess. Let that cure for 24 hours and come back the next day and it will peel right off the car and glass with ease.



