



Jimny Gullwing Fitment Instructions



Installation Time: 6 Hours



Congratulations & welcome to the Bushtech family.

We are so excited to have you on board and we want to give you peace of mind that, we, here at **Bushtech**, had you in mind throughout our entire assemble process to ensure you received nothing less than the **Bushtech** standard.

This Fitment manual will guide you Step by Step through our DIY processes to get you on your way with your new Gullwing Door.

Let's get started.

What's in the box:



- 1 x Gullwing
- 1 x Gullwing Frame
- 1 x Gas Shock
- 2 x Keys
- 2 x Hing Pins
- 1 x Bushtech Key Lanyard
- 1 x Pinch Weld
- 1 x Black Sealer

Tools you need:



- 1 x Caulking Gun (Silicone Gun)
- 1 x G-Clamp
- 1 x #6 Spanner
- 1 x #10 Spanner
- 1 x Roll of masking tape
- 1 x Methylated Spirits
- 1 x Paper Towel

Step 1:

Remove the glass window on the side you wish to mount your Gullwing door.

We recommend that you go to a glass fitment centre and ask them to remove the glass as they will have the necessary tools and skills to remove your glass without damaging the paint work.



Step 2:

Prepare an area on a table that you can layout the items without them being scratched or damaged. We suggest a rubber matting or even an old towel be placed on top of the table to further protect the items against scratches.



Step 3:

Give both sides of the outer frame a wipe with a damp cloth or some Methylated spirits to take any oily residue off the frame. This ensures the surface is clean and ready for the sealer to adhere to.

Outer frame:



Step 4:

Give the edge around the window cut out a wipe with a damp cloth or some Methylated spirits to take any oily residue off the surface. (This ensures the surface is clean and ready for the sealer to adhere.)



Note: The sealer that is left behind on the car when the window was removed does not need to be cleaned off the car.

Step 5:

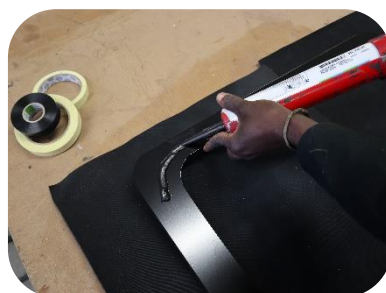
With the sealer supplied run a medium size bead of sealer all the way around the window cut out. We apply the new bead of sealer on the inside of the left behind sealer from the window.



Note: You will need to work with a bit of haste through the next few steps as the sealer you have just applied around the window cut out has started its curing process and we need to get the outer frame seated in place on the car.

Step 6:

Turn the frame over and on the back, apply a bead of sealer along the top of the frame from the one side to the other only.



Step 7:

Take care with this step and try not to rush.

Align the cutout in the frame with the window cutout. The three edges you want to focus on are the 2 sides and the top edge of the frame cutout must align with the corresponding edges of the window cutout.

Once aligned press the frame onto the body of the car. Ensure to apply pressure around the entire frame to spread the sealer to achieve a water and dust tight seal.



The bottom edge of the frame will sit lower than the window cutout this is normal and will be covered with a pinch weld in a future step.

Step 8:

Once you are happy with the positioning and have pressed the frame into place. Bend the tabs over the window cutout to secure the frame into place whilst the sealer dries.



Note: If the frame does not have these tabs use strips of masking tape to secure the frame to the car whilst the sealer dries. (Use image below for reference.)



Step 9:

Leave the car in a cool place for approximately 4 hours (The longer the better) to allow the sealer to cure.

Whilst waiting for the sealer to cure. Inspect around the frame and inside the car to see if there is any excess sealer on the frame or body work.

Use some methylated spirits or a paper towel to remove the excess sealer.



Step 10:

Now that the sealer has cured enough for us to complete the installation. Take the pinch weld supplied to you and run it along the bottom edge of the frame and window cutout. (Do **NOT** unfold the tabs)

If the masking tape method was used, only remove the masking tape along the area you will be placing the pinch weld. (**NB!!** At this point the sealer has not set so there is still a possibility that the frame will move so take care when apply the pinchweld.)

This will help further secure the frame into place whilst the sealer sets.

NB!!! If applicable Do not remove the masking tape from this edge.



Place the pinch weld as displayed in this picture.

Step 11:

Now take the door and align the two hinges and slide both pins through with your hand until the cerated edge of the pin meets the hinge. The pins should be inserted from left to right. (As depicted in the images below)

Open the locks before allowing the door to hang from the hinges, then close the locks for the next step.



Step 12:

With a G-Clamp press both pins into place. Take care when turning the G-Clamp arm as to not scratch the gullwing or car.

Tip: Cover the ends of the G-Clamp, (with masking tape) that are in contact with the powder coating to further prevent scratching or peeling from occurring.



Step 13:

Inspect all the way around the door to ensure the rubber is being compressed. This ensure water and dust penetrating into the car or cupboard.



Step 14:

Adjusting the locks.

If the rubber is not being compressed or the door is not being pulled tight against the frame. Use a number 6 and 10 spanner to adjust the bolt and nut on the lock arm. You may need to adjust the lock and close the door to ensure the rubber is approximately 50% compressed.

Once you are happy with the adjustment, nip the nut tight against the lock arm to ensure the adjustment you have set does not change.



Step 15:

Clip the shock into place. There is a tab on the frame and a Tab on the door already fitted with the ball joint. All you need to do is clip your shock onto the ball.

Note: The direction of the shock is very critical. Ensure your shock has been placed in the correct way as displayed in the image below.



Step 16:

Before taking your new Gullwing out for a spin and showing it the local wild life. Leave the door closed for an additional 8 hours to ensure the sealer sets.

Have fun and enjoy.

