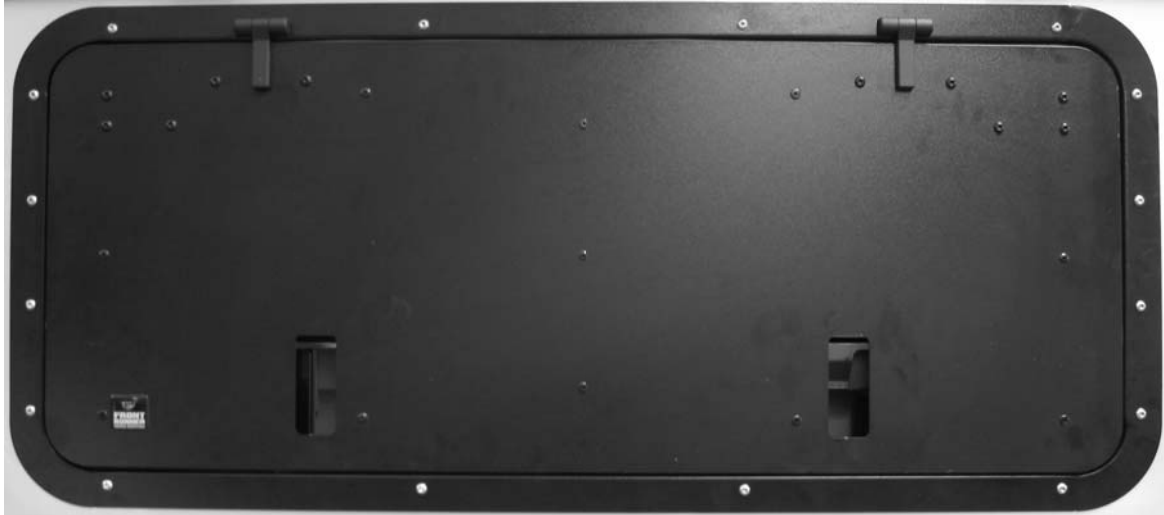




INSTALL TIME: 3hrs



1

GET ORGANIZED

you will need:

- ☐ a Land Rover Defender
- ☐ 10 mm flat wrench or socket wrench
- ☐ a drill machine
- ☐ a 6.5mm drill bit
- ☐ 13 mm flat wrench or socket wrench
- ☐ 4 mm allen wrench
- ☐ a putty knife
- ☐ masking tape
- ☐ a steel file
- ☐ methylated spirits/ appropriate cleaning solvent
- ☐ silicone
- ☐ star point screw driver
- ☐ a friend
- ☐ a clean dry area near your Land Rover

...CONT'D

IMPORTANT WARNING!

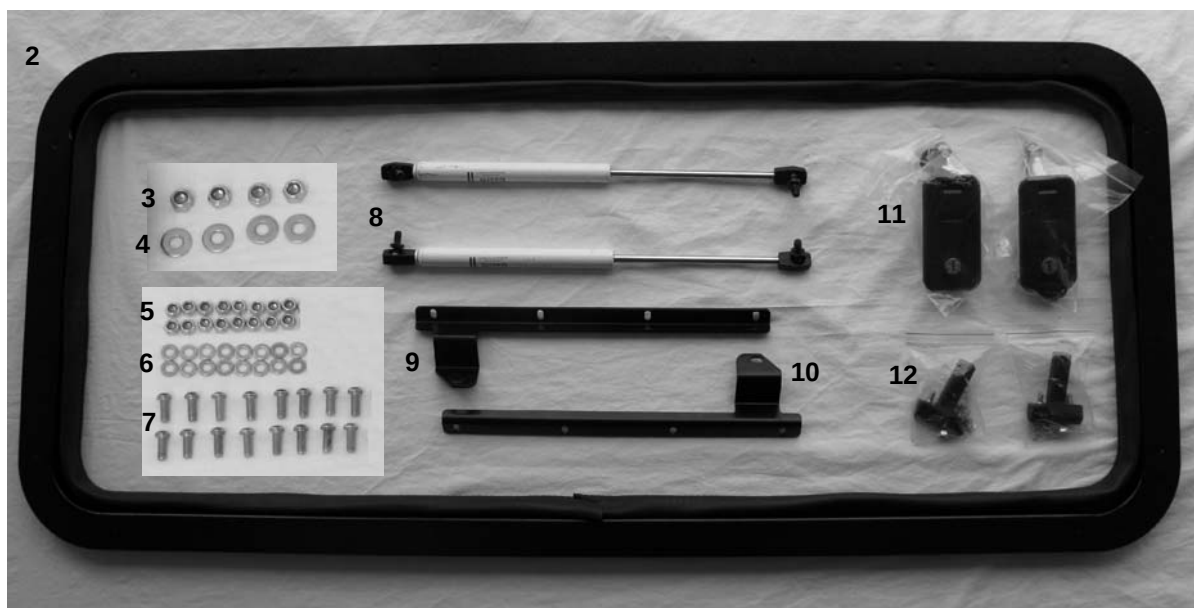
IT IS CRITICAL THAT ALL FRONT RUNNER RACKS AND ACCESSORIES BE PROPERLY AND SECURELY ATTACHED TO YOUR VEHICLE. IMPROPER ATTACHMENT COULD RESULT IN AN AUTOMOBILE ACCIDENT, AND COULD CAUSE SERIOUS BODILY INJURY OR DEATH TO YOU OR TO OTHERS. YOU ARE RESPONSIBLE FOR SECURING THE RACKS AND ACCESSORIES TO YOUR CAR, CHECKING THE ATTACHMENTS PRIOR TO USE, AND PERIODICALLY INSPECTING THE PRODUCTS FOR ADJUSTMENT, WEAR, AND DAMAGE. THEREFORE, YOU MUST READ AND UNDERSTAND ALL OF THE INSTRUCTIONS AND CAUTIONS SUPPLIED WITH YOUR FRONT RUNNER PRODUCT PRIOR TO INSTALLATION OR USE. IF YOU DO NOT UNDERSTAND ALL OF THE INSTRUCTIONS AND CAUTIONS, OR IF YOU HAVE NO MECHANICAL EXPERIENCE AND ARE NOT THOROUGHLY FAMILIAR WITH THE INSTALLATION PROCEDURES, YOU SHOULD HAVE THE PRODUCT INSTALLED BY A PROFESSIONAL INSTALLER SUCH AS A QUALIFIED GARAGE OR AUTO BODY SHOP.

1

GET ORGANISED

...CONT'D

Here is what you are looking at:



Item #	Quantity	Description
1	1	GULL WING DOOR
2	1	FRAME
3	4	M8 NYLOC NUT
4	4	M8 FLAT WASHER
5	16	M6 NYLOC NUT
6	16	M6 FLAT WASHER
7	16	M6 x 16mm BUTTON HEAD BOLT
8	2	GAS LIFT
9	1	RIGHT SIDE GAS LIFT BRACKET
10	1	LEFT SIDE GAS LIFT BRACKET
11	2	LOCK KIT
12	2	HINGE KIT

B)

Familiarize yourself with the parts and then step away from the work area and read through these instructions from beginning to end. Grab a cup of coffee and take a moment. A little prep now may save you a lot of time later

2

REMOVE THE WINDOWS

NOTE: On older model defenders, remove the outer plastic strip covering the rivets on the original window, drill out the rivets and remove the original window.

B)

Tape around the outside of the windows using masking tape as seen. (This is done to protect the paint work during the following step.)



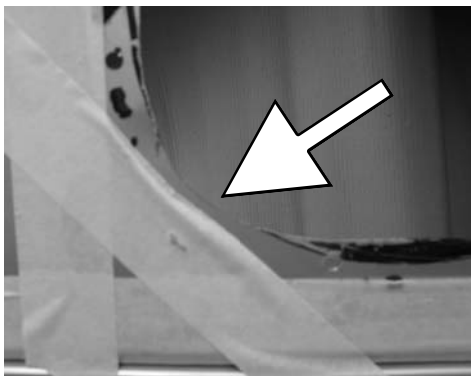
A)

Remove the interior panels (window housing) by pulling to release their clips. Start with the two rear panels either side of the rear door, followed by the side panels.

Remove the plastic window retaining clips by sliding them out towards the corners.

C)

Using a putty knife, cut the sealing tape/silicone holding the window in place. Start at the bottom of the window. Have your friend push against the window from the inside of the vehicle while cutting. Once the tape/silicone has been cut all the way around remove the window.



D)

File the corners of the window opening to fit the frame.

Clean the area around the window opening using methylated spirits or other appropriate solvent.

Treat the filed area with anti-rust.

3

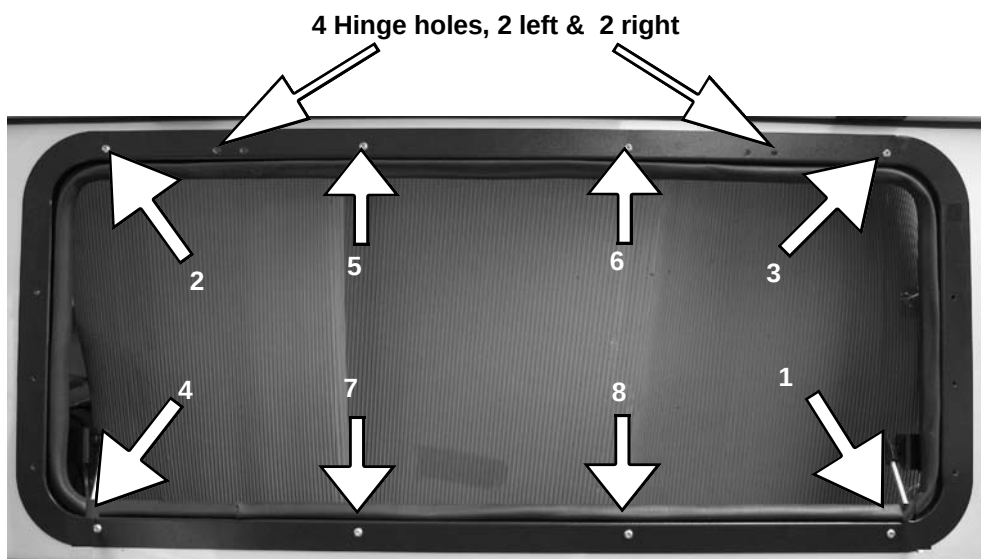
FIT THE FRAME

A)

Remove the backing from the double sided tape, and lift the frame into the window opening. Make sure the four hinge holes are at the top. Locate the frame into position. With your friend pushing from the inside for support, press the frame tightly against the body. The tape should now be holding the frame in place.

Grab your drill and 6.5mm drill bit. From the outside using the frame as a template, drill hole 1 (use your friend to push/support from the inside as you drill). With the 4mm allen wrench and 10mm wrench, fasten the frame to the vehicles body using the M6 x 16mm button head bolt, M6 flat washer and nyloc nut. The flat washer must be on the inside of the vehicle. Repeat sequentially for holes 2-8.

Once the eight indicated bolts are secure, drill the remaining twelve holes .



4

FIT THE GAS LIFT BRACKETS



A)

On both sides, place the gas lift brackets on the inside of the vehicle. Line up the 4 slots in the bracket with the four holes in the frame. The tag on the bracket should be at the bottom facing the inside of the vehicle. (See picture)

Fasten the brackets to the frame from the outside using the remaining M6 button head bolts, flat washers and nyloc nuts. As before the flat washers must be on the inside of the vehicle.

5

FIT THE HINGES AND GULL WING DOOR



A)

Open the hinge kit and fasten the 2 hinges in position as shown in picture 1 using a M6 flat washer, serrated washer and nut the supplied.

B)

Hand fasten the door to the hinges using the remaining nuts and washers from the kit, only this time the flat washer needs to go between the hinge and the door on the outside. Only the serrated washer and nut should be on the inside of the door. The Front Runner logo should be on the outside of the vehicle.

Close the door and ensure that the gap between the door and the frame is even all the way around. Adjust if required. Once you are happy with the gap, fasten the hinge bolts.



5

FIT THE GAS LIFTS



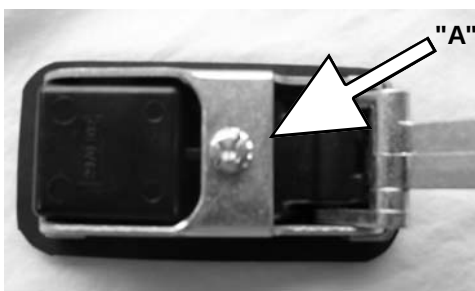
A)

Attach and fasten the gas lifts to the mounting brackets and door using the M8 flat washers, nyloc nuts and your 13mm wrench. The white cylinder must be attached to the door.

On the door mount, the gas lift attaches on the outside of the mount and on the bracket the gas lift mounts on the outside.

6

FIT THE LOCKS



A)

Using a star point screw driver loosen the screw "A" as indicated . Open the lock by pushing on the black studded lever and remove the silver back plate from the lock mechanism.



B)

From the front of the gull wing door, insert the lock mechanism into the lock cut out. The key hole must be at the top. Fasten the lock mechanism to the door from the back using the silver back plate you removed earlier.

The nut and bolt system as indicated by the arrow allows you to adjust the door lock to close properly if required.

7**SILICONE AND REFIT INTERIOR PANELS****A)**

Using silicone seal around the frame and bolts on the inside of your vehicle.

Refit the interior panels by clipping them back in place.

8**CHECK FOR OTHER COOL ACCESSORIES**

Now's the time to take a trip to your dealer or visit
www.FRONTRunner.CO.ZA

9**TAKE A TRIP****A)**

After your first adventure, check the tension on all the bolts and screws and re-tighten where needed. You'll find a small amount of settling has happened.

B)

Go on many more adventures. Periodically check the bolts- it's always wise to double check your fasteners once in a while.

→ Modifying your vehicle involves some risks and may void certain aspects of your vehicle's warranty.