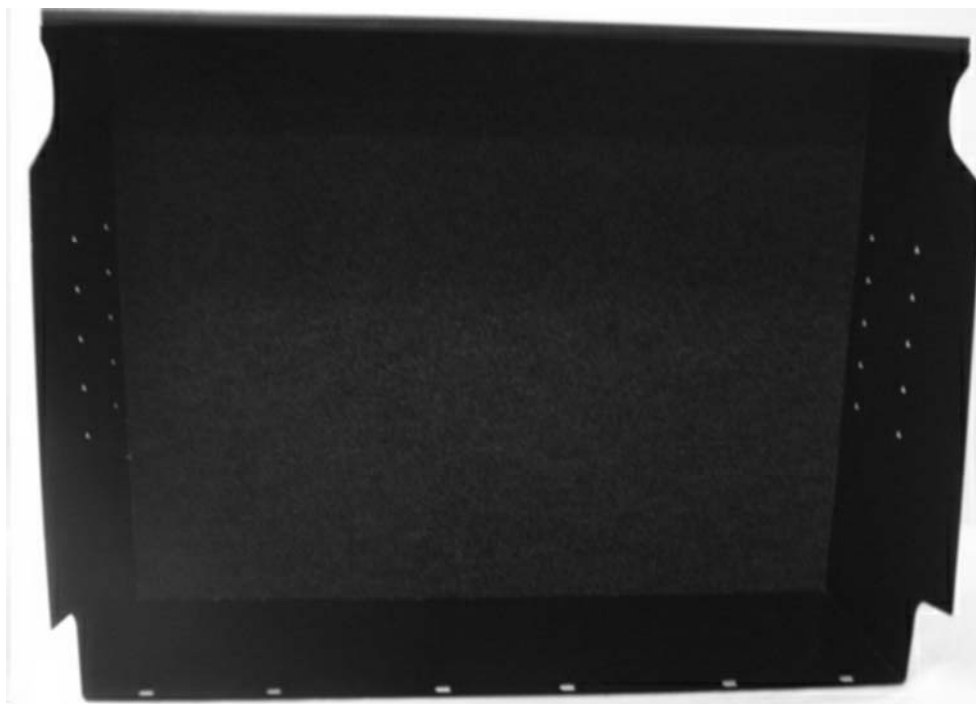




INSTALL TIME: 1 hour



1 GET ORGANIZED

you will need:

- ☐ Land Rover Defender 2.4 Puma with Gullwing Doors
- ☐ a Friend
- ☐ a 10 mm & 17 mm Wrench or spanner
- ☐ a Drill machine
- ☐ 4 mm, 6 mm, 8 mm & 9 mm Drill bit
- ☐ Clinch nut tool
- ☐ 4 mm Allen key
- ☐ Marking pen & Scriber or long nail
- ☐ Tape measure

...CONT'D

IMPORTANT WARNING!

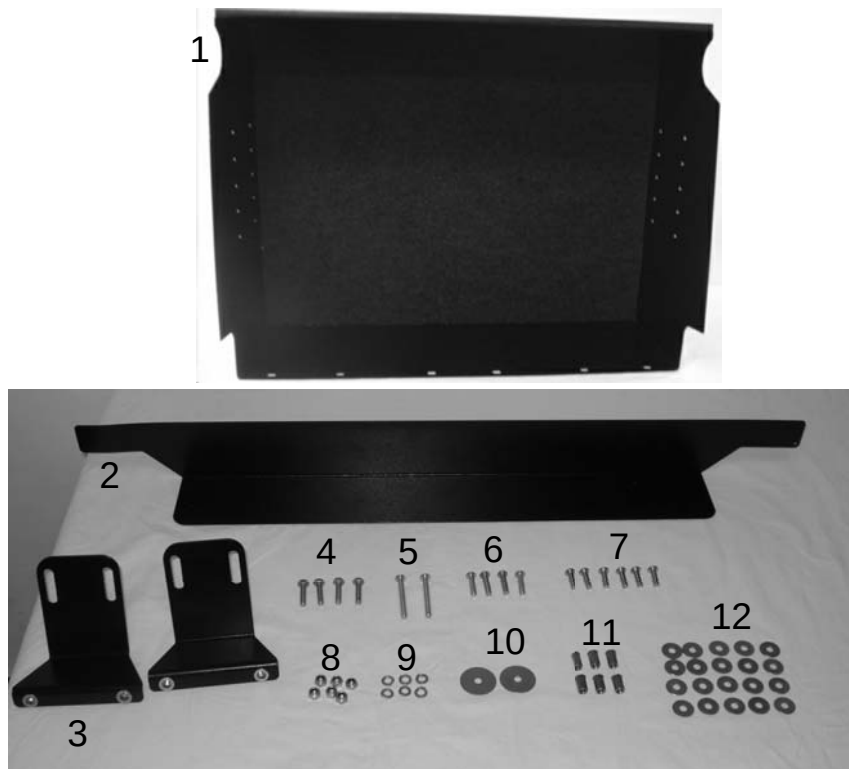
IT IS CRITICAL THAT ALL FRONT RUNNER RACKS AND ACCESSORIES BE PROPERLY AND SECURELY ATTACHED TO YOUR VEHICLE. IMPROPER ATTACHMENT COULD RESULT IN AN AUTOMOBILE ACCIDENT, AND COULD CAUSE SERIOUS BODILY INJURY OR DEATH TO YOU OR TO OTHERS. YOU ARE RESPONSIBLE FOR SECURING THE RACKS AND ACCESSORIES TO YOUR 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	WINDOW BOX
2	1	BOTTOM SUPPORT BRACKET
3	2	SUPPORT BRACKET
4	4	M6 X 25 HEX BOLT
5	2	M6 X 50 BUTTON HEAD BOLT
6	4	M6 X 25 BUTTON HEAD BOLT
7	6	M6 X 16 BUTTON HEAD BOLT
8	6	M6 NYLOC NUT
9	6	M6 SPRING WASHER
10	2	M6 X 30 X 1 FLATWASHER
11	10	M6 CLINCH NUT (4 ASSEMBLED ON ITEM 3)
12	20	M6 X 19 X 1 FLAT WASHER

A)

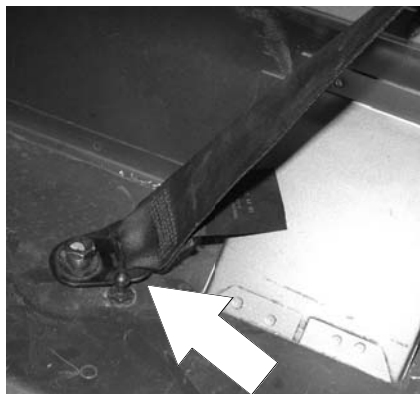
Familiarize yourself with the parts and then step away from the work area and read through these instructions from beginning to end. Grab a cup of coffee and take a moment. A little prep now may save you a lot of time later.

2 INSTALLING THE MOUNT BRACKETS

A)

NOTE: You will need to have installed a gullwing door.
The window box can be fitted at the rear left or right of the vehicle.

With your 17 mm wrench, loosen the rear seat belt bolt.
Unclip the rear window cover. The grab handle must be removed using a star screw driver. Remove the two covers and the grab handle.



B)

NOTE: The two support brackets already have four clinch nuts fitted.

From the rear of the vehicle measure 130 mm starting from the end of the seat belt bracket (X) and make a mark with the scriber or nail (Fig 1). Grab your drill machine and a 9 mm drill bit, drill a hole where you made a mark. Using the bracket as a guide, align the hole you just drilled with the hole in the bracket and mark a second hole. On the front seat belt side measure 375 mm from the end of the bracket (Y) and make a mark (Fig 2). With your drill machine and a 9 mm bit, drill a hole where you marked. Place your bracket on the hole, mark and drill as before. Place the two brackets in the gutter above so the holes line up. Secure the brackets using four M6 x 25 hex bolts and M6 x 19 x 1 flat washers. Tighten bolts using a 10 mm wrench.



FIGURE 1



FIGURE 2

C)

Place the big cover in position, at the bottom of the cover where the arch is located, you will see the two original holes. Using your drill machine and a 9 mm drill bit, drill the two holes. Move the cover away. With your clinch nut tool, fit two M6 clinch nuts.



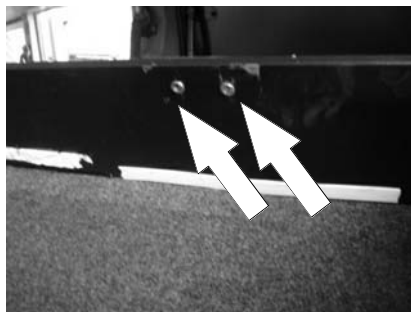
3 INSTALLATION OF WINDOW BOX

A)

Refit the covers, the big one first and then the back window cover. Tighten seat belt bolt and clip window cover back in position. Fit grab handle back using a star screw driver.

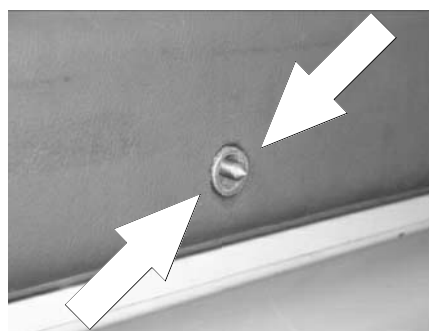
B)

With the help of your friend, lift the window box over the brackets and make sure it is all the way against the panel and is not going to obstruct the operation of your gullwing door or back seats. From under the window box, make four marks with your marking pen. Remove the window box, use your drill machine and a 4 mm drill bit, drill four pilot holes. Change your drill bit to a 9 mm and drill the four holes again. Using your clinch nut tool fit four M6 clinch nuts to the four holes from the bottom of window box.



C)

It is now time to install the bottom bracket (Item 2) into the clinch nuts you installed in step (2 "C"). You will need to drill holes in this bracket to mount it. Mark the holes by using a M6 bolt and cutting off the head and sharpening it to a point. Using the side which is not sharpened, screw it into one of the holes so the sharp point sticks out. Place your shelf in position on the top brackets. With your bottom support bracket, place it in the arch of the bottom cover. Position bracket so it sits square. Move the bracket against the cut off bolt so it makes a mark. Repeat for the other hole. You will have two marks on the bottom support bracket. Using your drill machine and a 8 mm drill bit, drill two holes in the bottom support bracket.

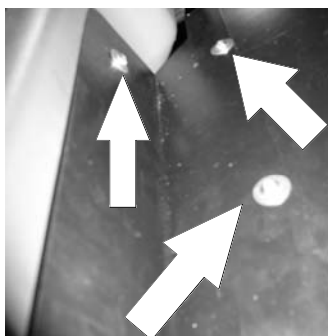


D)

With the window box over the top brackets and all the way to the front. Use four M6 x 25 button head bolts and M6 flat washers. Tighten with your 4 mm allen key (Fig 1). Place the bottom support bracket in position so the two holes line up. Keep in position and ask your friend to mark the bottom support bracket through the six openings under the window box, using a marking pen. Remove the bottom support bracket, using your drill machine and a 6 mm drill, drill the six holes. Fit the bottom support bracket in position so all holes line up. Using two M6 x 50 button head bolt and M6 x 32 x 1 flat washer, fit to the side of bottom support bracket. Use six M6 x 16 button head bolts and M6 x 19 x 1 flat washer, insert in the four holes in the bottom support bracket, beneath secure with M6 flat washer and M6 nyloc nut. Tighten all bolts.



FIGURE 1



4 WINDOW BOX SHELVES AND ACCESSORIES

Visit our website on www.frontrunner.co.za

Congratulations, you have completed the window box installation.

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

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