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120 Series Prado

Landcruiser



Installation Instructions

If you are unsure of how to place the weather strip in relation to your line, cut a small (10mm) section off the supplied rubber and test by attaching it to the door. Once the rubber is in place close the door for a few minutes, after this time when opening the door an indentation should be left on the foam rubber attached to the frame showing you how they are meeting when closed – if done correctly you will see a clear line in the foam rubber on the frame left by the ridge on the weather strip.

Once the weather seal has been set in place, close the door panel and check the depth to ensure it compresses the rubber seal. Disconnect the gas struts and loosen the hinges from the top supports, apply pressure evenly to the top edge of the door until you see the rubber compress, re-tighten the bolts. Do not open the wing as this will cause the rubber to roll and possibly not adhere. If they are not already, carefully close the door handles and lock the wings, they need to be left alone for a few hours to allow the rubber to set.

You may also need to bend the cams on the door locks to compress the bottom part of the rubber seal, to do this remove the cam by taking the screw out from the back of the door handle. Put the cam into a vice so that any bend is applied away from the square hole – do not distort or bend this part of the cam. Bend slightly and then retest until the correct rubber compression is achieved.

Leave the car in the sun to activate the 3M glue on the back of the weather seal. Ensure it gets some heat into the panel (this is a heat activated glue) – leave the wing closed for approximately 24 hours while the glue on the weather seal sets, dependent on your climate.

Time to enjoy the ultimate in vehicle access – your EmuWings!

Safe travelling!

1: Fixing the frame.

Start by removing the interior trim, then undo the bolts at the front of the window being very careful not to drop them into the panel. Once the window has been removed reinstall the interior trim.

Mark around the interior trim anywhere that it comes past the body of the car for cutting, the EmuWing frame sits flush against the body. This will need to be trimmed before re-assembly. Remove the interior trim again, wash off any dirt & clean away any residual glue from around the seam. If the body has been scratched in the removal process this would be the ideal time to use a little paint to prevent rust.

Fix the frame in place using clamps to assess where you will need to thicken the bead of Sikaflex to ensure no gaps between the body & the frame – usually just in the corners.

Make sure the position of the frame is correct before attempting to glue it into position. This is **critical** to the panel aligning with the hinges – the bottom of the frame sits behind the plastic trim on the outside of the opening, it is then aligned centrally. If you are not sure of the position, we suggest a dry run first – Use a couple of bolts to fix the hinges to the frame and check the holes on the door panel align with the holes on the hinge face.

Surfaces must be clean, dry and free from all traces of grease, oil and dust before applying a bead of Sikaflex around the outside of the body, (*paying particular attention*) to the corners increasing the bead enough to fill any higher spots between the body and the frame.

Make sure there are no gaps in the bead and it is applied evenly.

Get some light clamps and place them close by, you will need them as you place the frame into position.

Once the glue is applied and the frame is in place, apply the clamps paying particular attention to the corners and leave to dry for at least 24 hours – only light clamping pressure is required.

Use a torch, check no light can be seen between the frame and the car body.

Whilst the glue is wet and the frame is clamped, carefully clean up any excess glue from around the frame.

Do Not proceed with fitting any hardware to the frame until the glue has set and the frame is securely in place.

