



## Universal Van Door Stop Ramp



by x8rltd

### **Symptoms of the fault.**

Side loading door slamming closed or being moved by the wind, potential injury caused by a door being left in a non-fixed position.

### **The fault.**

Van doors can be heavy and awkward to hold open for lengths of time, resulting in the van door slammed into its open or closed position, this can potentially cause damage to the vehicle and will eventually cause damage to the runner mechanism.

### **Our solution.**

We have designed a small metal wedge, that is designed to perfectly fit within the runner of a van door, the idea of this wedge is to allow the door to be opened so far and be secured in position without having to purchase more expensive hinge systems.

The underside of our Van Door Stop Ramp is machined with a diamond finish to ensure a good grip between the runner and the ramp, this will stop the ramp from moving at all when the door is being used normally.

We chose to design this part from aluminium so that it would not become tarnished or corrode over time, as well as ensuring its strength and rigidity to be able to withstand constant use.

### **Vehicles affected.**

There are loads of vans that this part would be compatible with, it will fit on most vans with a roller and runner type support system.

### **You will receive.**

1 x X8R branded Van Door Stop Ramp

1 x small piece of emery cloth

1 x packet of 2 part epoxy

1 x epoxy mixing stick

1 x mixing palette for epoxy

### **Supplies:**

The only extra equipment that you will need to complete this installation would be pair of scissors to open the epoxy packet.



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## Step 1: Prepare the Area and Mark the Position

Firstly, clean the general area to make it easier to work on.

Position the sliding door in the exact position that you would like the door stop to be placed, and make a marking on a surface in line with the roller on the door assembly, this is where you will be gluing the Van Door Stop Ramp in place.



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## Step 2: Clean and Prepare the Area

Now that you have decided where you would like the Van Door Stop ramp, you can clean the area of any debris as this will cause the epoxy glue to not stick properly and potentially become loose over time.

Use the emery cloth provided to prepare the surface of the area that you are going to be sticking the ramp to, this will help to create a strong bond that will not break when the roller repeatedly passes over it.



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### **Step 3: Prepare the Epoxy Glue**

Once the area is clean and ready for the ramp to be stuck down, You can prepare the 2-part epoxy.

In order to mix the epoxy, empty all of the contents from the yellow sachet onto the mixing pallet and mix both parts together, the mixture will become a whitish color when it is ready to be used.

Once the epoxy is ready, spread an even layer over the underside of the Van Door Stop Ramp.

You should not have to rush this as it does take a few minutes before the glue begins to set.

If you happen to accidentally spill any of the epoxy, you should be able to remove this using a ketone based cleaner.



#### **Step 4: Installing the Ramp**

Now that there is an even spread of epoxy on the underside of the ramp, you are ready to stick it down in place.

When installing the ramp, it is important to install it directly in line with where the roller would usually pass over, this is to make sure that the whole width of the ramp is being used instead of just one side which would lead to premature wear of the roller.



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### **Step 5: Allow Epoxy to Harden**

Now that the ramp is in its correct position, it is important to allow some time for the epoxy to fully set before regular use of the sliding door is resumed.

We use Double Bubble epoxy which is a rapid setting adhesive, this will only take approximately 5 minutes to harden, it is very important that the ramp is not disturbed during this time as it may result in the bond weakening and potentially failing.

This completes the installation. If you need any further guidance on this install or would like to purchase the parts shown please call us on +44 01843 446643 or email us at [sales@x8r.co.uk](mailto:sales@x8r.co.uk). Please also check out our instruction guide on YouTube. [www.x8r.co.uk](http://www.x8r.co.uk) Installation is carried out at installers risk, if unsure please contact us or a professional, X8R Ltd cannot be held responsible for any adverse result of installing this product or any injuries caused by install, if in doubt ask a professional. All images and texts are copyright X8R Ltd 2022.

