

FORD TRANSIT CUSTOM (SIDE LOAD DOOR) EXTERNAL REPAIR SHIELD

VEHICLE SUITABILITY

FORD CUSTOM (2012-2018)

- PN No. FOR3-NSL-EASY-001
- PN No. FOR3-OSL-EASY-001

FORD CUSTOM (2018-2023)

- PN No. FOR3-NSL-EASY-001
- PN No. FOR3-OSL-EASY-001



CAUTION

PLEASE READ ALL THE INFORMATION BEFORE
ATTEMPTING INSTALLATION OF THIS PRODUCT



FAILURE TO TAKE NOTICE OF THE FOLLOWING INFORMATION
MAY RESULT IN DAMAGE TO THE VEHICLE

1. Follow the instructions and all measurement information carefully. Double check measurements before applying adhesives. Drawings are for guidance only. Whilst every effort has been made to ensure the accuracy of details and information provided; Sussex Installation Team LTD accepts no liability for any inaccuracies in relation to vehicle variation or the drawings provided.
2. Only use the recommended specification and amount of curable adhesive to ensure strong long-term adhesion! Correct panel preparation is equally important in this respect. Whilst the shield may be held in place in the short term by the gasket adhesive alone, it is recommended that the vehicle is not driven over 30mph or washed for 48 hours after installation. Over application of curable adhesive or inadequate door panel preparation can prevent the adhesive gasket from holding the shield in place, so it's imperative to follow the instructions exactly. The curable adhesive may take 48 hours to achieve sufficient bonding to hold the shield in place on the door and may take up to 8 weeks to fully cure.
3. It is the sole responsibility of the installer to check the suitability of this product for the vehicle and the accuracy of any supplied information before commencing installation. This installation should be carried out by someone competent in fitting vehicle accessories. Once fitted using curable adhesive, the installation is then considered permanent, and the shield will not be removable.



SAFETY & ENVIRONMENTAL INFORMATION

REQUIRED TOOLS

OPTIONAL TOOLS / CONSUMABLES



Please wear the appropriate protective equipment (safety glasses & gloves) while fitting this product.

Please dispose of packaging materials responsibly. Be sure not to dispose of the packaging until you have checked all parts are present.

AUTOMOTIVE BONDING ADHESIVE

KNIFE

RULER

WHITE BOARD MARKER

BLUE ROLL

WHITE SPIRIT

DISPOSABLE GLOVES

MASKING TAPE

HAMMER

PAINT

SUPPLIED COMPONENTS

FOR3-NSL/OSL-EASY-001
x1
(SHIELD, EXTERNAL)

GAS-11001
X1
(GASKET)



CAUTION: The images shown in this manual are for the nearside/left side load door and will need to be mirrored for the offside/right side load door.



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Document no. FOR3-NSL/OSL-EASY-001-V1.0

Document Revision Date. 05/06/2026

'Standard size' shield Measurements

From front of door

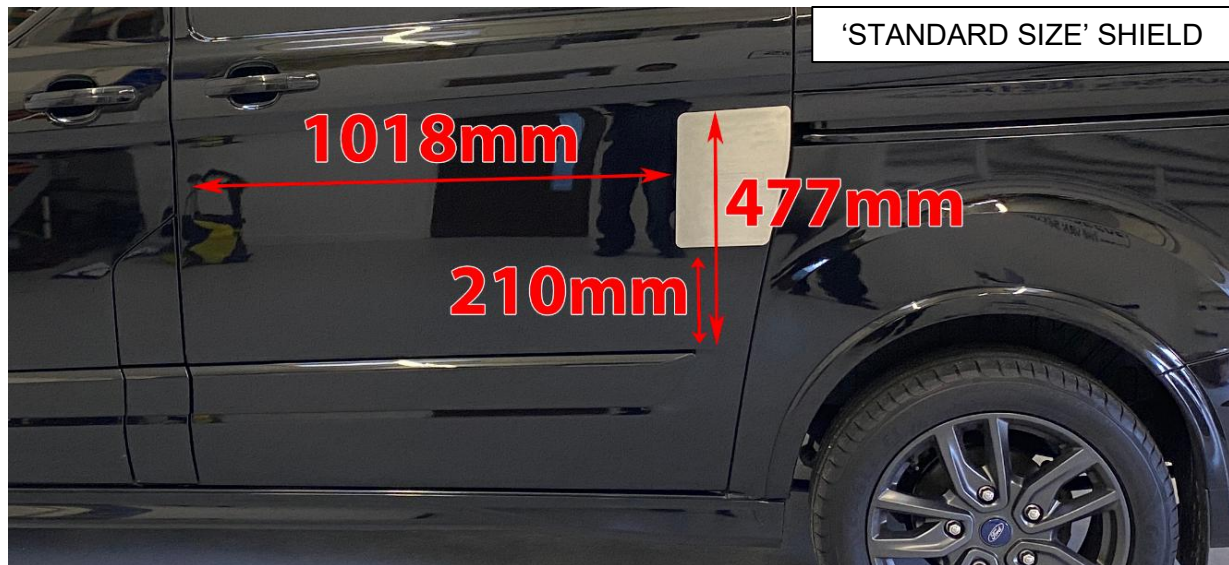
1018mm

From metal swage line to top of shield

477mm

From metal swage line to the bottom of shield

210mm



1. Get prepared!

Have plenty of disposable gloves, paper towel and white spirit at hand in case things get messy.

Make sure you have EASYFIX approved curable adhesive and not generic builders adhesive as there will be a massive difference in bonding strength.

We recommend;
Upol Tiger Seal – Automotive bonding adhesive

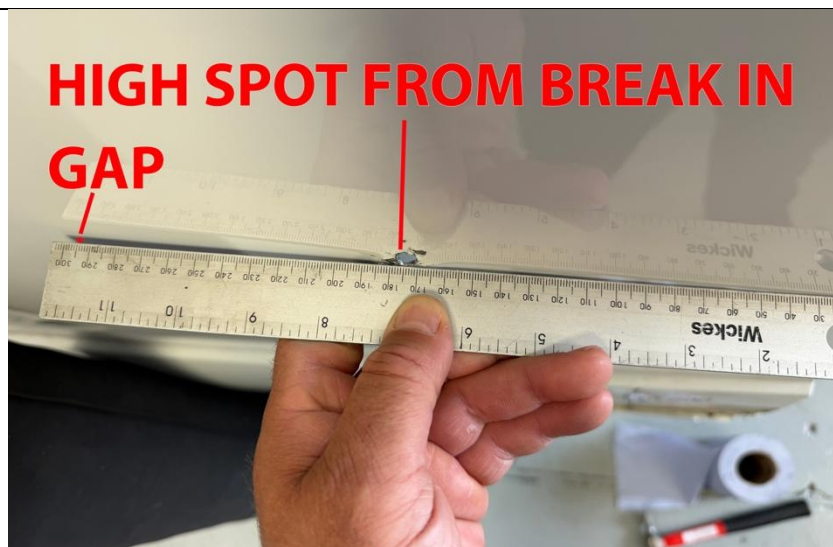


2. DAMAGE ON YOUR DOOR? If NO then skip to step 5.

Do you have damage on your door where the shield is to be fitted?

If there is a high spot, then this will prevent the EASYFIX shield from sticking to your van door.

Use a flat edge such as a ruler to identify any high spots (a plastic ruler will be less likely to scratch your van while doing this).

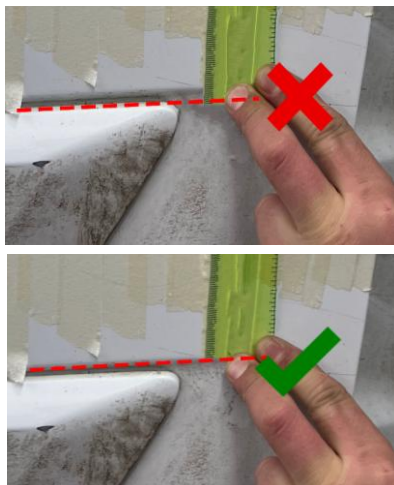


3. REMOVING A HIGH SPOT A professional way to remove a high spot would be to carefully cut it out, but that has danger of you cutting wiring, cables or parts on the other side of the door panel and should only be done by someone competent in body repair. A more practical DIY option may be to carefully tap the high spot into a low spot. Make sure that you do not turn localised small radius damage into a large radius dent that will show after you have fitted the repair shield. The use of an anvil / dolly being held at the rear of the panel may be useful to keep the damage small radius.	 CAREFULLY REMOVE HIGH SPOT
4. A SMALL LOW SPOT IS OK The damage is now a low spot, we can see both ends of the ruler are now flush with the door panel. Make sure that the shield is large enough to cover all of the damage with a sufficient amount of surface area for adhesive contact around all sides of the perimeter of the damage before you proceed. Apply a small amount of paint to any bare metal and allow it to dry before you move onto step 5. Try to limit the paint to the bare metal only and not to overpaint the existing paintwork (as we want the maximum amount of adhesive contact between the shield and the original paintwork). Hammerite direct to metal / direct to rust may be suitable for this.	 DAMAGE NOW LOW SPOT RULER ENDS NOW TOUCHING
5. CLEAN AREA WITH SOLVENT Thoroughly wipe the area where the shield is to be fitted using white spirit and paper towel, do this at least twice and then dry the area with clean paper towel. Be careful not to spill white spirit onto plastic trims.	

6. MARK SHIELD POSITION

Mark where the bottom of the shield will be fitted, by measuring up 210mm from the metal swage line as shown in the pictures to the right.

You could use a non-permanent white board marker pen, or stick a small piece of masking tape on the door to mark the position for the bottom of the shield.



7. TEST FIT – CHECK!



Do NOT remove the paper from the adhesive of the gasket yet!

Hold the shield up against the door at the height that you marked in the previous step and check the alignment of the shield matches the edge of the door and the shield fits flush against the door panel.



IMAGE MAY BE OF A DIFFERENT MODEL SHIELD / VEHICLE AND IS FOR ILLUSTRATION PURPOSES ONLY.



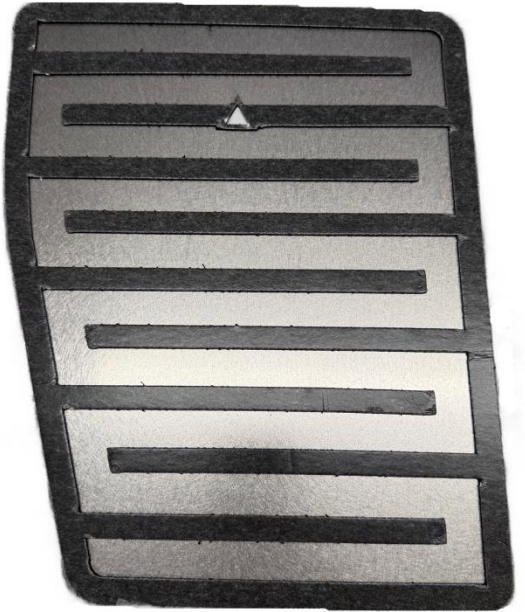
8. TRIANGLE POINTS UP

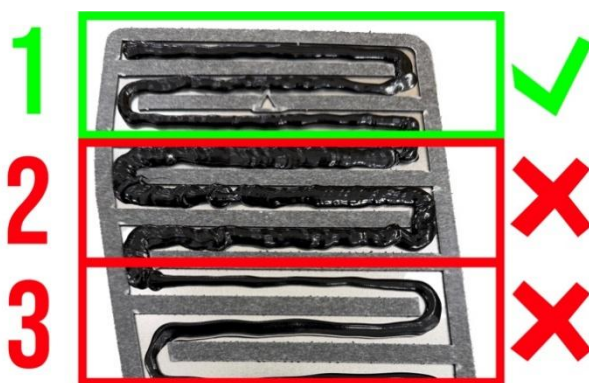
Make sure the triangle of the shield gasket points up.



IMAGE MAY BE OF A SHIELD FOR A DIFFERENT MODEL VEHICLE AND IS FOR ILLUSTRATION PURPOSES ONLY.

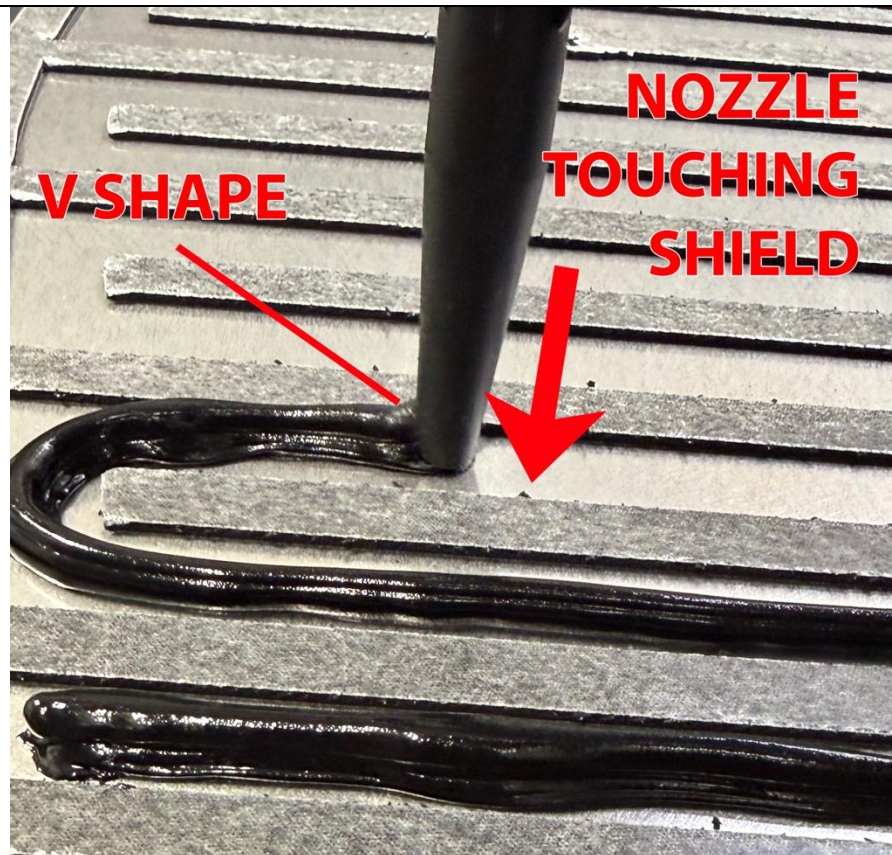


9.	TRIM NOZZLE TO 6MM ID It is important to only use approved curable adhesive and the correct amount of it! Cut the nozzle to 6mm internal diameter. You can check this with a ruler or by inserting a 6mm threaded bolt to check the size of the opening.	
10.	CUT V SHAPE INTO NOZZLE Cut a V shape 10mm from the end of the nozzle as shown in the picture.	
11.	PEEL PAPER OFF Peel the paper backing off the adhesive gasket.	

12.	ADHESIVE AMOUNT IS IMPORTANT – BEFORE FIT Examples shown before the shield is applied to a van. 1) Correct amount 2) Too much 3) Not enough The correct amount of curable adhesive is very important, the curable adhesive should stand tall enough that it makes contact with the van panel, but not so much that it will spill out from the containment channel.	
13.	ADHESIVE AMOUNT IS IMPORTANT – AFTER FIT Examples shown after shield has been applied to a van. 1) Correct amount – Curable adhesive makes good contact between van door and shield. The containment area is mostly filled and contained by the curable adhesive. The adhesive gasket surface area is making contact between the shield and the van door to hold the shield in place until the curable adhesive is cured. 2) Too much – Way too much curable adhesive was used, which then spilled out of the containment channel when it was pressed onto the van door. This amount of curable adhesive will prevent the adhesive gasket from holding the shield onto the van and leave visible adhesive on the outside of the van door (as illustrated in the image bottom right). 3) Not enough – The height of the curable adhesive and amount was not enough to make contact with the van door and so the shield will only be affixed by the gasket and the curable adhesive does not affix the shield in place at all! i Example of visible overspill – image bottom right.	

14. APPLY THE CURABLE ADHESIVE IN A V SHAPE

Squeeze the correct amount of curable adhesive by using a cartridge gun. Hold the nozzle of the curable adhesive flat against the metal of the shield so the adhesive dispenses from the V shape opening. Move the nozzle along the channel so the curable adhesive dispenses from V shape at the rear as you move the nozzle away and along the entire length of the serpentine shaped containment channel.



15. CORRECT AMOUNT IN V SHAPE

Side and top view showing the correct amount of curable adhesive having been dispensed in a 10mm V shape before the shield is applied.

Here we can see that the 10mm tall V shape of curable adhesive is clearly taller than the 2mm tall double sided adhesive gasket, so we know that the curable adhesive will make good contact with the van body as well as the shield.

We can also see that there is enough space either side of the V shaped curable adhesive in the containment channel so that the curable adhesive will not spill out of the channel when the shield is pushed onto the van door panel.

V SHAPE TALLER THAN GASKET
V = 10MM GASKET = 2MM



CORRECT APPLICATION THICKNESS



16. CORRECT FITTING TECHNIQUE – 1ST CORNER



DON'T RUSH HERE AS YOU ONLY HAVE ONE CHANCE TO GET THE SHIELD FITTED STRAIGHT AND IN THE RIGHT PLACE!

Check that the shield is at the correct height on the door using the mark that you made in step 6.

Touch **ONLY** one corner of the shield against the edge of the door in a position where the shield is flush with the edge of the door and at the correct height.



IMAGE MAY BE OF A DIFFERENT MODEL SHIELD / VEHICLE AND IS FOR ILLUSTRATION PURPOSES ONLY



17. CORRECT FITTING TECHNIQUE – 2ND CORNER

Guide the other rear corner of the shield carefully so that the entire edge of the shield is flush with the edge of the door.



DO NOT PUSH THE WHOLE FACE OF THE SHIELD AGAINST THE DOOR YET!

Double check that the shield is at the correct height and that the edge of the shield is straight / flush / matching the contour of the edge of the door.



IMAGE MAY BE OF A DIFFERENT MODEL SHIELD / VEHICLE AND IS FOR ILLUSTRATION PURPOSES ONLY



18. CORRECT FITTING TECHNIQUE – 3RD CORNER

Whilst holding the shield flush with the edge of the door with one hand, press the entire face of the shield against the door with the other hand at the 3rd corner.

i IMAGE MAY BE OF A DIFFERENT MODEL SHIELD / VEHICLE AND IS FOR ILLUSTRATION PURPOSES ONLY



19. HOLD IN PLACE FIRMLY

Firmly put pressure on the edges of the shield to fix in place.

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20. PRESSURISE THE PERIMETER 1ST Press firmly around the perimeter of the shield to stick the gasket against the panel of the door and to seal the containment areas of the gasket and prevent visible overspill. i IMAGE MAY BE OF A DIFFERENT MODEL SHIELD / VEHICLE AND IS FOR ILLUSTRATION PURPOSES ONLY	
21. PRESSURISE THE MIDDLE AND THE WHOLE SHIELD Push firm pressure in the centre of the shield and work pressure all over the shield by holding and rubbing the shield with your hands for a minimum of 120 seconds. i IMAGE MAY BE OF A DIFFERENT MODEL SHIELD / VEHICLE AND IS FOR ILLUSTRATION PURPOSES ONLY	
22. FINISH Clean away any over spill or curable adhesive that has got onto the shield or the van using paper towel and white spirit. Be careful not to let any white spirit get onto any plastic panels of the van. Wait 48 hours before peeling the laser film off of the shield if possible. If you do peel the film off sooner, then make sure you do not pull outward pressure onto the shield as this may disrupt the uncured adhesive. Wait 48 hours before using the van if possible. If you need to use it sooner, then we advise that you do not exceed 30 mph or pressure wash near the shield for 48 hours.	