

NoiseKiller

PROFESSIONAL NOISE REDUCTION TECHNOLOGY

Fitting guide for VW Transporter/Bay Window camper van

Fitting the sound barrier mat



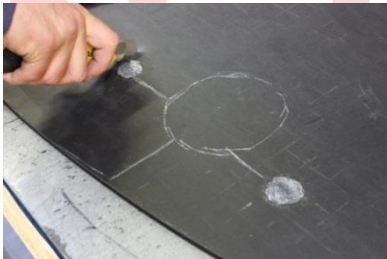
1. If you have a rubber mat at the front of the camper van, this can be used as a template to cut out the new sound barrier mat. Use a piece of chalk to mark around it.



2. After marking around the rubber mat, remove it and check the chalk marks are clear. Make sure you have all the markings for the pedals, handbrake and gear lever.



3. Use a sharp craft or Stanley knife to cut out the shape of the front mat. Use a steel rule or straightedge if possible and keep your fingers away from the blade.



4. Some shapes may be difficult to cut out, such as round holes. Unless you can find an object as a guide, you may instead have to cut out a square shape.



5. After cutting out the sound barrier mat for the front floor, trial fit it to see if it needs trimming or whether you have missed anything that needs cutting out.



6. You may find the sound barrier mat needs trimming in places to fit flush around the pedals or other objects. It may be possible to do this in situ.



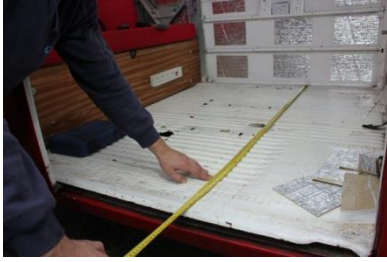
7. If you have a walk-through interior with a space between the front seats, then this can be covered in a sound barrier mat. First, use a tape measure to work out the length and width of the area.



8. Use a piece of chalk, straight edge, tape measure and sharp knife to mark and cut out the piece of sound barrier mat required to fit between the front seats.



9. The piece of sound barrier mat that fits between the front seats should slide into position underneath the seatbelt mounts.



10. The main floor area in the living area of the camper van should be very easy to measure and line with sound barrier mat, providing everything has been removed from it.



11. After fitting the sound barrier mat for the main living area, you may want to remove it to reduce the risk of it getting dirty whilst fitting soundproofing material to other areas.



12. Some of the most awkward areas to fit sound barrier mat are underneath the rear seat. Use existing floor coverings as templates, or measure the dimensions.



13. The vertical panel underneath the rock and roll bed may have a series of seatbelt mounts, so after cutting out a piece of sound barrier mat, trial fit it, find the holes and cut them out.



14. Any seatbelt mounting points underneath the rock and roll bed will help to keep the sound barrier mat in position, but make sure you can fully fit all of the seatbelt fixings.



15. If you don't have any seatbelt fixings under the rear seat, use a spray on adhesive to secure the sound barrier mat to the vertical panel.



16. In some cases, an existing rubber mat won't be available to use as a template for cutting out the sound barrier mat. Instead, create your own template using paper or cardboard.



17. After creating a template and making sure it covers an entire surface, such as the rear load area for the rear of a bed, use a piece of chalk to draw round the shape on the sound barrier mat.



18. Cut out the shape of the template and where possible, use a straight edge to avoid cutting wavy and uneven lines. Watch your fingers on the knife used to cut the sound barrier mat.



19. Trial fit the sound barrier mat into position. It will probably be a tight fit as it's more difficult to manoeuvre into position than the paper or cardboard template.



20. If you find some edges of the sound barrier mat need trimming to fit, it may be possible to do this without having to remove the mat. Make sure you don't cut through any upholstery or wires.

Fitting the barrier mat to reduce panel vibration and road noise



1. All of the interior panels need to be removed from the front doors, sliding door, tailgate and sides. These are usually secured with screws and clips.



2. Before fitting the barrier mat, clean the surface it will be stuck onto with white spirit and a cloth. Wax, glue and dirt reduce the effect of adhesion.



3. Cut the barrier mat into 25x12cm sections using a sharp knife. These may need to be cut in half for some areas where space is tight.



4. Fit four pieces of barrier mat inside the tailgate. Once they are all in position, use a roller to apply pressure and help secure them in position.



5. Six or seven pieces of barrier mat can be fitted inside the front doors. Some pieces may need to be cut in half, depending on the layout.



6. The sliding door should have room for four pieces of barrier mat. Two of them will need to be carefully manoeuvred behind the linkage for opening and closing the door.



7. The side panel opposite the sliding door should have the space to fit more pieces of barrier mat. Depending on the layout, several pieces may need to cut in half.



8. If the rear wheel arches have attachments for the rock and roll bed fitted, you may have to cut the barrier mat into different shapes to avoid them. Try to cover as much as possible.



9. The panels next to the rear seat can produce a lot of noise vibration, so fit four sections of barrier mat. Some pieces may need cutting in half.



10. The vertical panels of the front seat squabs or the front bench can be lined with barrier mat. Cover the front and back of this panel, but only 50% of it.



11. The front area of the seat squab can be covered in a large piece of barrier mat. Create a paper template, then cut a piece, but be prepared to trim it in situ if it's a tight fit.



12. A longer piece of barrier mat can be fitted on the base of each front seat squab. Measure and create a template first, but be prepared to trim it once fitted.



13. Three or four pieces of barrier mat can be manoeuvred and stuck onto the front panel to help reduce wind noise vibration. These are awkward to fit but worth the effort.



14. After fitting all the barrier mat, check all of the pieces are securely located and run over them again with a roller.