

## Air Vent kit

### Contents:

- Seal A: (closed-cell foam with self-adhesive backing). To fit between housing & car body.
- Seal B: (felt-covered sponge with self-adhesive backing). To fit between shutter flaps & housing.

### Tools required:

- 8mm spanner
- Small flat-bladed screw driver
- Bucket of hot water + Washing up liquid
- Small domestic sponge pan-cleaner (or green brillo type with sponge attached)

### Fitting instructions: (Air vent housings have already been removed from the vehicle):

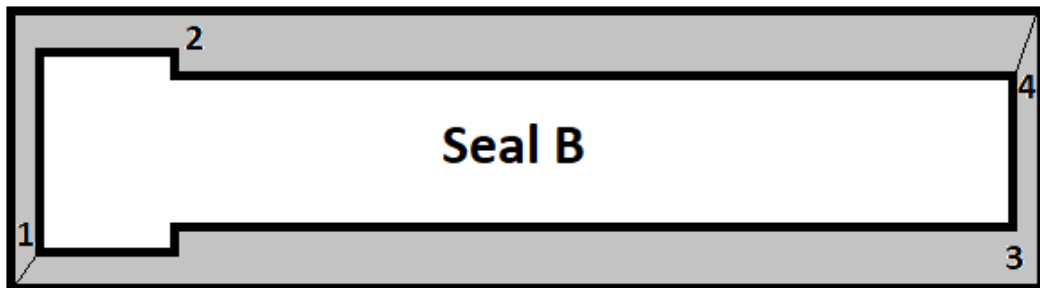
#### Dismantling & Cleaning:

1. Place the air vent box in a bucket of hot water and washing up liquid to soak for 5 mins.
2. Using the sponge, thoroughly clean the box inside and out to remove dirt etc.
3. Open the vent shutter to look at the shutter pivot points at each end of the box. One is retained by a spring on the inside and a circlip on the outside. The other is held in place by an 8mm nut with sprung washer. Push the spring clip against the inside wall of the vent box, to release the pressure on the circlip, and very carefully remove the circlip. Put this in a safe place along with the spring clip and the nylon washer (that was between the shutters and the housing).
4. Unbolt the 8mm nut from the opposite shutter pivot and keep with the other items. **DO NOT LOSE THESE PARTS!**
5. The shutters will now fall in towards the centre of the vent box. Use your sponge to remove all the remaining original foam from inside the vent box. Thoroughly clean the shutters and the inside of the vent box. Also clean the other side of the vent box, where the seal against the car's bulkhead is to be fitted. Leave the box somewhere warm until completely dry, before moving to the next stage.



#### Fitting Your New Seals:

6. **Seal A:** Remove the yellow protective backing from Seal A and carefully fit in place in the rectangular recess on the part of the housing that fits against the vehicle's bulkhead.
7. **Seal B:** Without removing any of the yellow protective covering, place Seal B on top of the vent aperture, with the black felt side facing down, and then carefully feed it into place inside the housing.



Fitting instructions continued overleaf....

8. The next part is fiddly. It may be useful to have a small flat-bladed screw-driver or similar implement to hand, to avoid the adhesive from sticking in the wrong position and/or to help with minor adjustments of the seal's position before sticking. Please refer to the above diagram.
  - i. The self-adhesive backing is cut in two places. Lifting from the cut at '1', peel off only the small part between marks '1' & '2'. Using the handle of the shutter nearest to the '1' in the fully open position, carefully position that corner of the seal and then use the shutter to pull and stick it in place. Next, using the handle of the shutter nearest to the '2' in the fully open position, carefully position that corner of the seal and then use the shutter to pull and stick it in place. Once that is done, use the shutters to stick into place the area between '1' & '2'.
  - ii. At the other end of the seal, lifting from the cut at '4', peel off only the area between marks '4' & '3'. Using a finger on the inside of the shutter nearest to the '3', carefully position that corner of the seal and then stick it in place, followed by the area between '3' & '4'.
  - iii. NB: For the next two steps, along the remaining long sides, please bear in mind that it is better to have the edge of the adhesive backing very slightly out of view behind the opening, rather than protruding over the edge of the housing.
  - iv. Carefully remove the remaining part of the yellow backing between '3' & '1' and then carefully align and stick that section in place.
  - v. Carefully remove the remaining part of the yellow backing between '2' & '4' and then carefully align and stick that section in place.

#### Re-assembly:

9. Fit the nylon washer back to the sprung pivot between the shutters and the inside surface of the vent box housing. (A small screwdriver can help to wiggle it into position).
10. With the washer in position and the shutter pivot holes lined up with the pivot hole in the vent box, push the sprung pivot through the shutters from the inside and retain with the circlip on the outside.
11. Repeat this process with the non-sprung pivot and secure with the 8mm nut on the outside.
12. Now you are finished and your refurbished vent box is ready to refit to your car.

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