

Mercedes SL R230 Roof Flap Replacement Kit

Instead of buying part A 230 690 11 41; A 230 690 09 41

2002 -

Turn This...



...Into This



Compare this (replacement)...



... to this (original)



Introduction

NOTE: This is not part A 230 690 11 41; A 230 690 09 41 which is the whole panel. This is a manufactured replacement flap to avoid the purchase cost of the whole panel.

Please check that you have received all the kit items as described below. With these instructions and the kit, you should be able to replace your missing SL flap without the cost of replacing the entire panel 😊.

Skill Level: the replacement requires nothing more than being able to undo a screw, a bolt (smaller hands help), and basic junior school craft skills – ask for child supervision if this part is difficult 😊.

The kit comes as a basic and fabric version. The fabric version includes black fabric to cover the flap to resemble the original soft touch cover. It is not exact, but it is certainly a good match. If in any doubt,

please see the pictures before purchase. If you are in any doubt after the purchase, please return the fabric and I'll refund the difference in price to the basic kit.

Replacement Kit Contents

1. Replacement flap
2. 2 Replacement hinges – larger and small
3. 2 Cotter pins
4. Weights
5. Black fabric (if purchased as part of the fabric kit)
6. Fabric glue (if purchased as part of the fabric kit)

Additional equipment/tools needed:

1. Superglue
2. Sharp knife / Dremel with cutting blade / wire cutters
3. Degreaser, eg white spirit
4. Blue tack (optional)
5. Lubricant, eg WD40 (optional)

Panel Removal – see Removal PDF

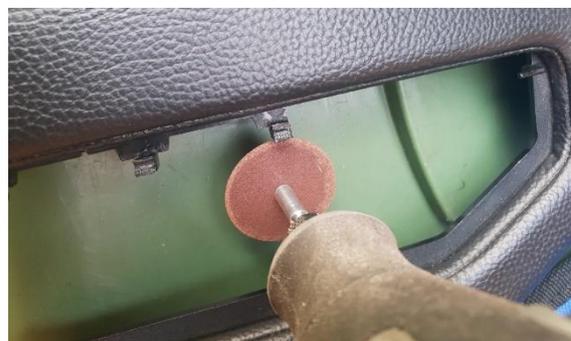
Kit Assembly

1. Prepare the original panel



Due to the (poor) design of the original panel you will probably have a panel like the picture, without the flap. The flap is probably littering a road somewhere. However, you will have the remains of the poorly designed hinge which needs to be prepared to accept the new flap and hinge.

To do this we need to remove any vertically protruding points left from the original hinge. A sharp knife or Dremel and cutting wheel should be used to remove the couple of millimetres of each tab.



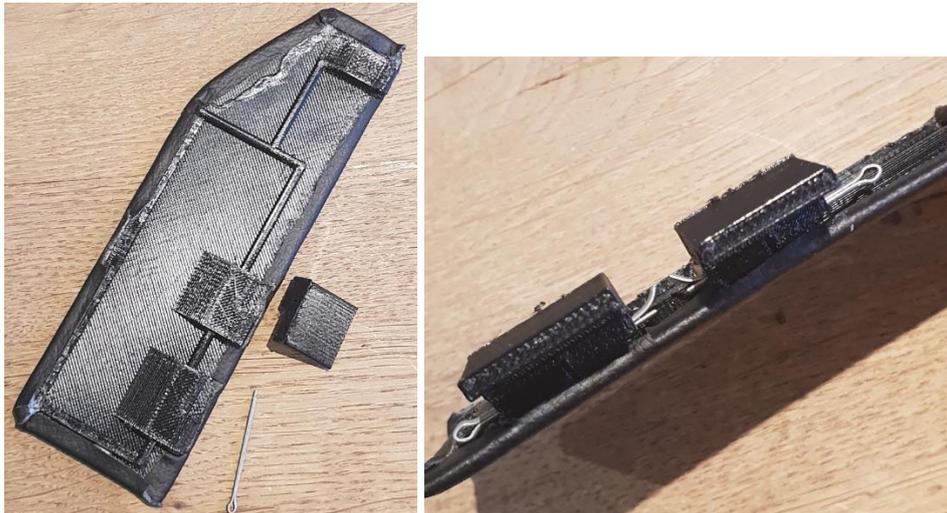
2. 3d print the replacement

Print the replacement from the 3 files – I used ABS plastic. Then find some replacement vinyl on ebay that matches your colour. Lay it out and stick on the vinyl.



3. Print the replacement hinges

The replacement hinges will be glued onto the main corner piece, but first the flap is secured to the hinges with split pins. This ensures that you can guarantee that it will fit against the main piece once assembled.



4. Assembly

Clean the area, carefully and dry run the assembly, use superglue for the final fixing.



5. The Spring

There is no spring to return the flap, however, I've used a bit of lubricant and tyre (tire for US guys) weights to fold the flap once the roof is open.



6. Ready to fit.....