

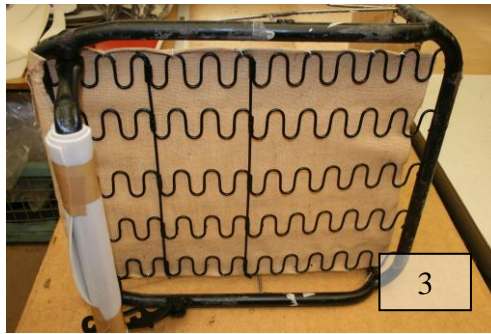
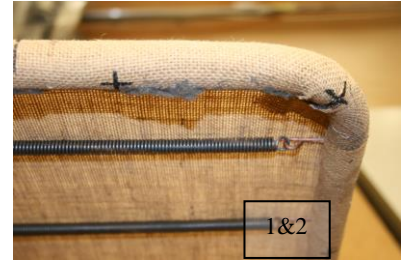
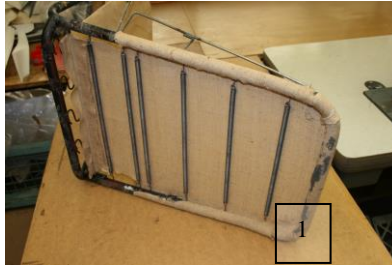
## LOTUS ELAN S1 SEAT COVER FITTING INSTRUCTIONS

Assuming the seat frame has been repaired as necessary, wires and springs assembled and any painting carried out. Your new seat cover kit contains all the remaining parts needed to retrim both seats.

**NOTE** As you will see in the pictures, the front leg of the frame has been covered in scrap foam to protect its finish during the fitting operation.

### HESSIAN

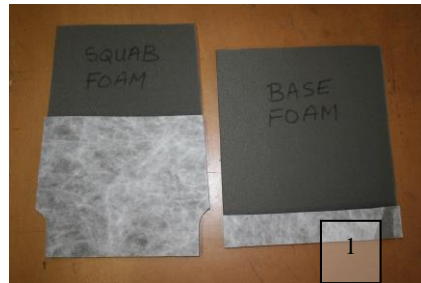
1. Glue hessian over squab frame at top & sides and over the lower fixed rod.
2. Mark position of screw holes for squab back.
3. Glue & hog ring hessian over base springs. Folding sides to line up with snake-wire edges ( hog ring at sides ), glue over front of frame



**You are now ready to fit the covers.**

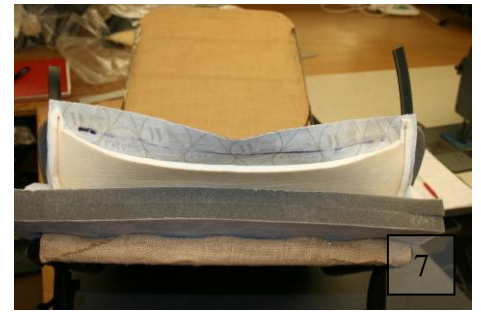
### BASE

1. Identify base & squab padding foams.
2. Lay base foam over hessian (back edge of front strip of foam underneath is level with front of wire side roll).
3. Lay base cover on top of foam – rear flap pushes through gap. Side flaps pull over frame (slit to clear uprights). Position cover centrally.
4. Glue side flaps & frame – stretch & fix flap to frame, make sure the cover sits centrally.
5. Glue rear flap onto frame – find & mark screw holes.



6. Position base side roll foams – sloped edge onto flaps, allow approx. 12mm overlap over top edge of wire frame.

7. Remove approx. 30mm of the 6mm foam from the centre pad. Glue front of frame & the back of the front of cover. Roll cover over frame. Make sure front corners are neat with no lumps under the cover.



8. At the rear of the inner side roll, slit the cover to clear the squab spring.

9. Feed cover through back & glue to frame (pull evenly backwards & downwards, push ends under foam).



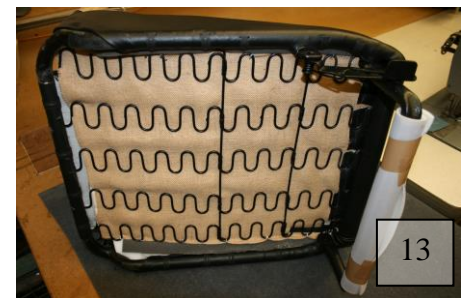
10. Glue rear outer side roll to frame (as before) pull evenly rearwards & downwards. Fix in place using C clips.

Fold the rear lower corner under to hide the raw edge; this will leave the rear lower corner of the frame exposed. Mark screw hole position.



11. Glue lower edge of side roll cover to frame – pulling downwards evenly. Ensure piping is straight.

12 & 13. Tuck edge of cover under edge of base foam for neatness. Repeat for other side.



14. Finished base cover



# LOTUS ELAN S1

## FITTING THE SQUAB COVER

1) Place the Squab Foam pad over the hessian, smooth face facing forward. Glue only the top of the foam to the top of the frame. Let the rest of the foam lie just inside the metal support struts at each side. Mark a line at the centre top & bottom.



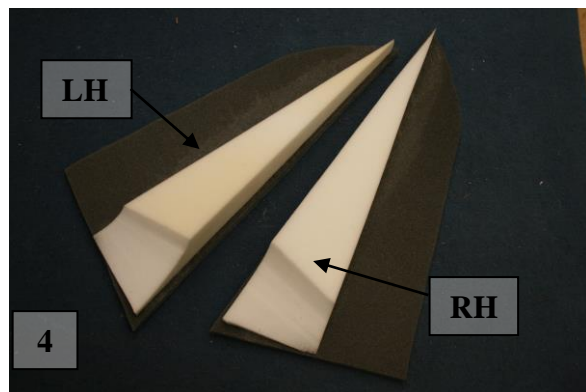
2) Take the Squab cover assembly and place it over the foam pad. The top of the cover should sit on top of the top tube. Make sure the top and bottom of the cover lie in the centre of the frame/foam. Cut two slits in the leathercloth side flaps so that they pass either side of the metal support struts, as shown here. The bottom of this flap should finish just above the base seat cover.



3) Apply spray adhesive to the inside of the flap and the Hessian covered tubular frame. Gradually turn the flap round the frame. The flap must be pulled evenly on each side when viewed from above. Ensure that the squab cover remains central on the frame. We would suggest you fit three "C" clips to each side to secure this assembly.



4) Identify the Squab Side Roll foams.  
RH & LH Foams as shown



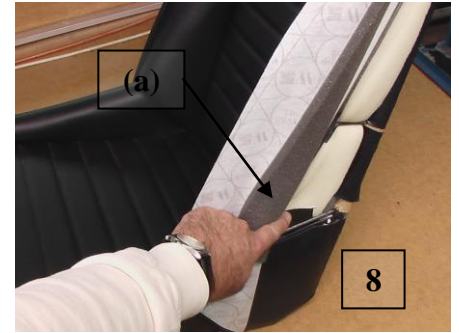
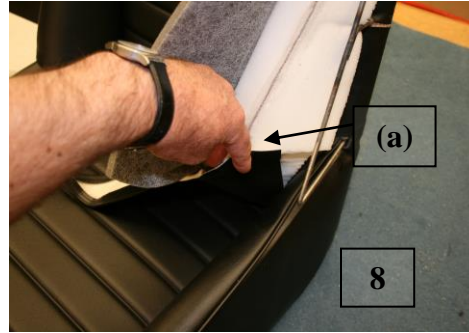
5) Insert the side roll foams between the wire support & the seat cover side rolls. The foam must be pushed down firmly onto the glued flap, leaving the top edge about 12mm proud of the support wire. The lower outer edge of the foam is shaped to fit over the base side rolls. Ensure the inner edge is pushed against the join of the flap & side roll cover. We suggest you do a "dry run" first until you are happy with the fit.



**6)** Turn the seat cover over the foam at the top of the seat frame & down both sides over the side foams.

**7)** Take the piping ends, pull them downwards and forwards so that the line of piping down the seat remains straight. Pull the ends round the frame & fix the ends temporarily under the “S” spring wire.

6



**8)** At the same time as carrying out item 7), make sure the bottom of the cover side roll is tucked under the inside of the foam (a).

**9)** The bottom of the side roll should be folded neatly & crease free.



**10)** Returning to the back of the cover, mark the position of screw holes on the face of the cover. This will make the job of finding the holes easier after fitting the cover to the frame.

10



**11)** Starting with the top, glue inside the cover & the hessian covered frame. Pull the top of the cover firmly over the frame so that the piping is parallel to the frame along the top. Continue with the sides, keeping the piping straight at the front edge of the side rolls. “C” Clips can be used down the sides making sure they are positioned on the inside of the frame tube so they are hidden when the back is fitted.

11



**12)** If available, lay the old back cover over the frame to help find the position of all screw holes. Mark the holes with a bradawl.

**13)** Take the new “Hardura” back cover (This is a PVC covered felt) & stretch the bottom edge over the corner of the workbench by gripping both ends and pulling it firmly to & fro



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13

**14)** Starting with the bottom corners screw the back cover onto the frame (using No4 slotted screws & cup washers). Then fix the two remaining screws on the bottom edge.

**15)** Next are the two screws just above the bottom rail



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**16)** Next fix the top corner screws and finally.

**17)** Fix the remaining screws, two at the top edge and two at each side.



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Your seat is now complete.  
Refit it into the car.

**Happy Motoring!**

