



## FITTING INSTRUCTIONS RECLINING SEATS SPITFIRE Mk IV &1500, GT6 Mk III

We recommend that you read through these instructions before beginning your seat re-trim, to familiarise yourself with the procedure. Your new seat covers are made to the original factory specification & fit in exactly the same way. We recommend that you use new foams, stiffener boards & straps for the seat rebuild.

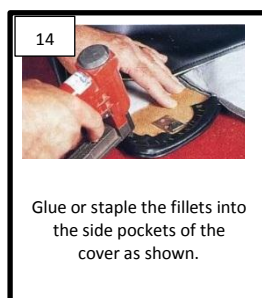
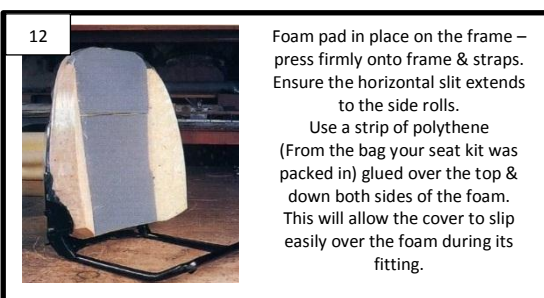
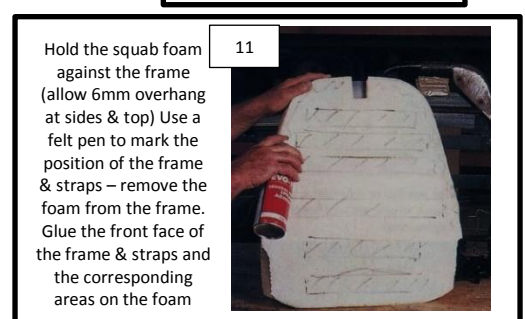
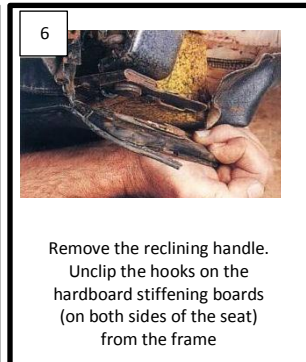
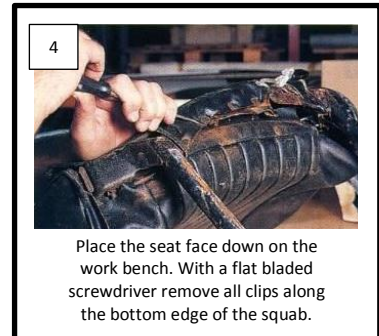
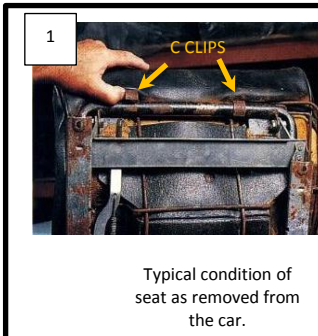
### TOOLS REQUIRED.

Philips screwdriver, Flat blade screwdriver, Pliers, Scissors, Contact adhesive & 7/16" AF spanner.

### REMOVE SEATS FROM THE CAR

Spitfire & GT6 seats are fixed onto the slide subframe with two 7/16" AF nuts & bolts under the front of the frame. (This provides the pivot for the seat, allowing it to tilt forward on the subframe) – We are assuming your seats have headrests fitted, if not just skip the items where they are mentioned.

1. Under the front edge of the base cover you will find two "C" clips. These should be pulled down & forwards to release the front of the base cushion assembly from the frame. Now lift up the front of the base & pull the assembly sharply forward to release the rear from the frame. The base can now be lifted clear of the frame.
2. Pull the "lock down" lever at the back of the seat to unhook the rear from the subframe & tilt the seat forward
3. The two 7/16" pivot bolts can now be removed, releasing the front of the seat frame from the subframe. The seat can now be lifted from the car.
4. If you need to refurbish the subframe it can now be easily un-bolted from the floor of the car.
5. Place the seat on the floor & stand on the frame. Grasp the headrest & pull it sharply upwards to overcome it's retaining spring clip to remove it from the seat.




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Hold the Cover at the side stiffeners, lower it over the foam. When about half way, insert the front tensioner flap through the slit in the foam & pull it down behind the frame. Pull the cover all the way down so that the hooks can be engaged on the frame.

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With both sides firmly anchored pull the tensioner flap firmly (ensure there are no folds or creases) & clip it to the rear inner frame cross member. Check that the headrest hole lines up at the top.

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Check that the inner flap holds the cover evenly against the foam. Glue the outer area of flutes & foam (See shaded area). Pull cover down & flatten the flutes onto foam, ensure the edge of the flutes is fully into the join of the foam side roll. Glue the bottom flap round the foam & on top of the straps inside the assembly.

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Lightly glue the back inner flap to the rear frame cross member, then clip it in place. Fold the bottom of the side rolls neatly under the foam – tuck the edges in so that no raw edges are visible from the front view. (Lightly glue if necessary)

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The outer rear flap is made of two layers of vinyl. Trim away the under layer inside the join, so that only one layer passes over the lower frame edge. Clip the flap in place keeping the base frame fixing lugs clear (Do not pull this flap too tight as it needs to allow reclining movement)

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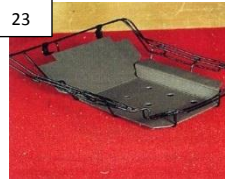
This picture shows the rear flap loosely fitted over the tilt lever. If you have one, use a hole punch to cut around the recliner lever shaft. (Or neatly cut with sharp scissors) Fit the chrome reclining handle.

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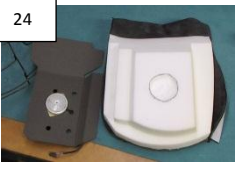
**BASE ASSEMBLY**  
Unclip all hog rings holding the cover to the wire frame. Fold the cover upwards then lift the foam/cover assembly off the frame. This can be discarded as it is not required. Repair & clean the frame with a wire brush, then paint as

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Refurbished wire base frame with new board folded & in place. These items are handed. (R.H. shown)

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If your car is fitted with seat belt sensors, refit them on to the new board re-using the original rivets. Cut a circular recess on the underside of the base foam. (As shown)

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The base covers & roll foams are NOT handed – BUT the main base foams are. Make sure you have the correct foam & wire frame/board combination. The top of the base foam will already have the roll position marked. Glue approximately 50mm inside this line & the corresponding area on the edge of the centre flutes. (See hatch lines above)

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When the adhesive is almost dry position the cover centrally in line with the marks & press it firmly into place. Do not try to stretch the cover; just make sure it is aligned correctly.

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Fold the cover in on itself then position the roll foam so that its inner edges line up with the stitches on the cover. Mark the overhang on the underside with a felt pen to avoid over Spray of glue. Apply glue to the underside of the roll foam & the top of the base foam. Align the inner edge of the top roll with the stitch line

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The outer edges of the roll foam align on one side with the edge of the base foam & on the other side with the pen line. To roll the cover over the front roll foam, with one hand hold your fingers on the foam to push it up inside the piping, with the other inside the cover, spread the fingers along the piping & roll the cover over the foam.

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In a similar way roll the other corner over the foam BUT, at the same time pinch the end of the seam together to keep the tension off & prevent tearing as the cover is rolled over. Trim off the back edge of the side rolls (leaving about 12mm (1/2") Of foam behind the cover) Tuck the foam inside the cover pulling the flap down the sides.

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Turn the base over & push the wire/board firmly under the small foam flap at the front & ensure an equal overhang at the sides. Pull the cover over the wire frame edges & fix in place using the hog rings supplied. (If you have them use hog ring pliers, if not ordinary pliers will do). Start at the front, make small slits each side of the 'C' clips & tuck the flap under. At the rear, leave the wire loop free as this locates into the two hooks in the base frame.

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The finished base assembly is pushed, rear end first into the two lugs on the frame. Then push the front downwards & hook the two 'C' clips over the frame. This is best done after mounting the seat on the subframe in the car.

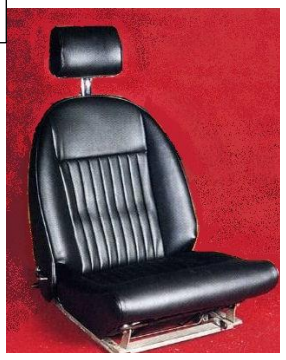
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**HEADREST**

Remove the finisher plate (2 screws). This will reveal small staples holding the cover onto the frame. Remove the staples & the old cover can be peeled away upwards. The stalk assembly can be withdrawn from the foam & can be cleaned for re-use. (As can the finisher plate)

Turn the new cover inside out, place it on top of your new foam with a hand inside (the correct way round – straight edges at the back), & fold the cover downwards so that it ends up right sides out, with the foam inside. The foam can be squashed slightly to make this operation easier. Smooth the cover so that it sits evenly on the foam. Insert the stalk into the foam (you may wish to use some glue to hold everything in place). Staple the cover onto the wooden inserts then replace the finisher plate. Check the spring clip at the bottom of the stalk is OK then insert into the top of the squab.

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Finished seat mounted on its subframe. Spitfire 1500 seats with hound's-tooth cloth centres & GT6 Mk3 with ribbed cloth centres are fitted in exactly the same way. Now stand back & admire your work. Happy Motoring!