



Build the

# Beetle

## *1303 Cabriolet*

Pack 1



DEAGOSTINI  
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Build the  
 **Beetle**  
*1303 Cabriolet*

## STAGE

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Editorial and design by Continuo Creative, 39-41 North Road, London N7 9DP.

Published in the UK by De Agostini UK Ltd, Battersea Studios 2, 82 Silverthorne Road, London SW8 3HE.

Published in the USA by De Agostini Publishing USA, Inc., 121 E. Calhoun Street, Woodstock, IL 60098.

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Warning: Not suitable for children under the age of 14.

This product is not a toy and is not designed or intended for use in play.

Items may vary from those shown.



# Stage 1: Luggage compartment lid

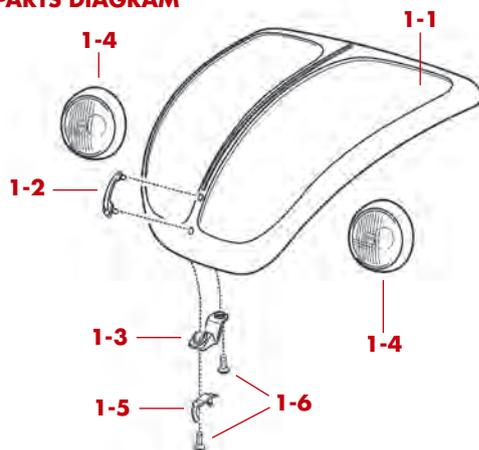
In this first stage, you fit the handle and lock to the front luggage compartment lid – one of the most characteristic features of the Volkswagen Beetle. The handle and the lock are mounted using the two screws provided.

## PARTS

- 1-1** Luggage compartment lid
- 1-2** Handle
- 1-3** Lock
- 1-4** Headlights
- 1-5** Catch
- 1-6** SP01 screws



## PARTS DIAGRAM



NOTE: The appearance of the parts you receive may be slightly different from the parts pictured in these pages.

## SCREWS

In each issue, the screws required for the assembly of the different parts are supplied in packets marked with 'SP' or 'SD' (to differentiate the screws used for plastic parts and the diecast metal parts respectively), followed by a number to identify their size.

The packet will also include one or more additional screws – depending on how many are being used – as a spare, in case you lose any of these small fixings.





### STEP 1-A

The handle (1-2) and the lock (1-3) go on opposite sides of the luggage compartment lid, but fit together this way round, so that the lugs of the handle fit into the holes of the lock. The catch (1-5) fits underneath the lock, this way round, and the parts are all fixed together with SP01 screws.

1600 2000 2400

### STEP 1-B

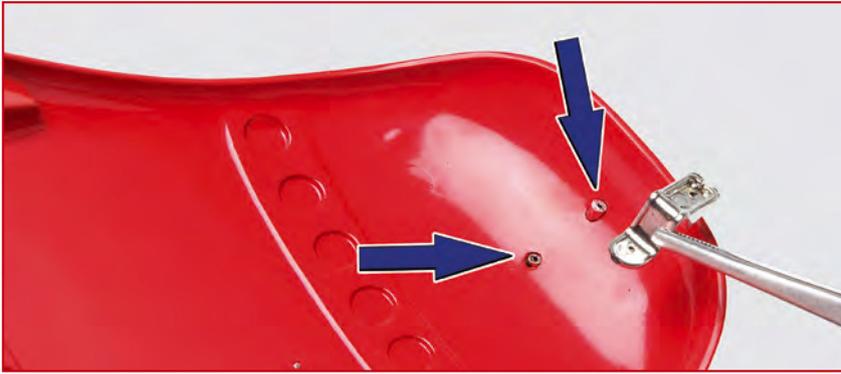
Start by inserting the lugs of the handle into the holes in the front of the lid, with the thinnest part of the handle pointing upwards.



### STEP 1-C

Press the handle firmly into place.





### STEP 1-D

Then fit the lock inside the lid, so that the holes in the lock fit over the lugs of the handle.

### STEP 1-E

Drive an SP01 screw through the upper hole in the lock and into the lug in the handle.



### STEP 1-F

Fit the catch onto the lock using Step 1-A as a reference for which way round it goes, then drive an SP01 screw through the catch and the lock into the lug in the handle.

### STEP 1-G

Keep the two headlights safely for use at a later stage.





## VW BEETLE 1303 CABRIOLET

After fitting the handle, the luggage compartment lid should look like this. At the end of every stage, you will have leftover, unused and assembled parts; keep these labelled to one side until they are needed.



### **STAGE COMPLETE**

At the end of each stage, you will be able to see where the parts fit on the car and watch the growing assembly of your model.





# Stage 2: The right front wheel

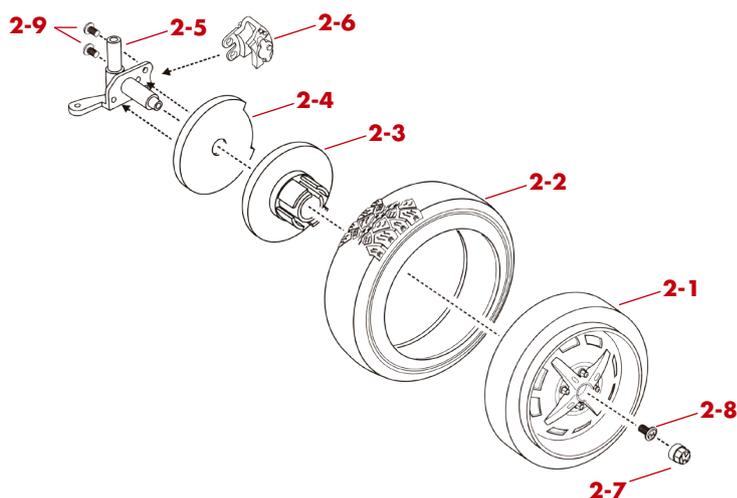
In this stage, you assemble the right front wheel of your VW Beetle, together with the front disc brake and the VW badge that fits in the centre of the hub cap.

## PARTS

- 2-1** Wheel
- 2-2** Tyre
- 2-3** Brake disc
- 2-4** Brake backplate
- 2-5** Steering knuckle
- 2-6** Brake caliper
- 2-7** VW badge
- 2-8** SD02 screws
- 2-9** SD01 screws
- 2-10** Screwdriver



## PARTS DIAGRAM



NOTE: The appearance of the parts you receive may be slightly different from the parts pictured in these pages.

## TIP

To make it easier to fit the tyre onto the rim, gently warm the tyre with a hair dryer. There is no need to get it very hot. Thanks to the quality of the material from which it is moulded, the tyre softens quite easily.





### STEP 2-A

Soften the tyre (2-2) as shown in the Tip box, then insert the solid portion around the rim of the wheel (2-1) into one side of the tyre.



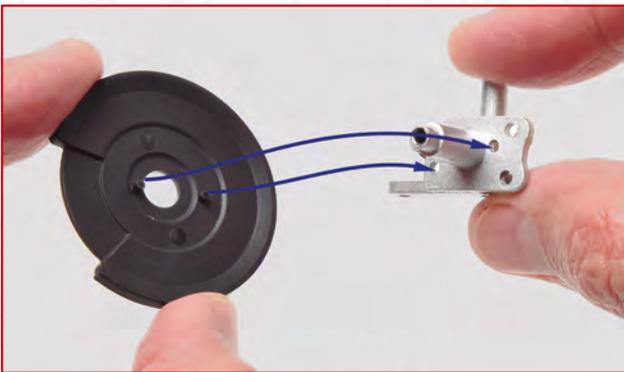
### STEP 2-B

Go round the tyre, working it over the rim.



### STEP 2-C

Check that the tyre beads are perfectly seated on the rim all the way round.



### STEP 2-D

Note: The flange of the brake backplate (2-4) has two pins on either side of the central hole. These pins fit into the indicated holes on the steering knuckle (2-5) and are arranged asymmetrically so that the backplate fits in a set position on the steering knuckle.



### STEP 2-E

The backplate and steering knuckle should look like this after assembly.

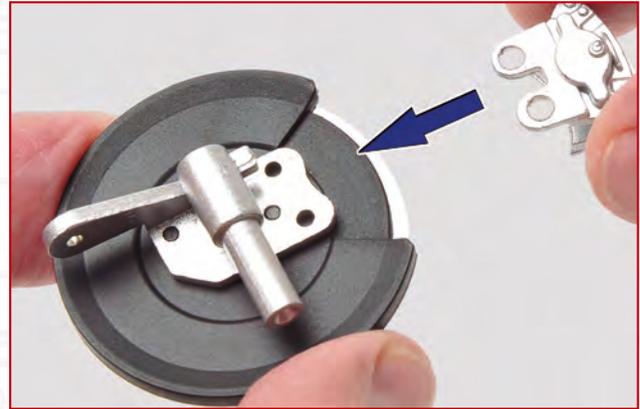


### STEP 2-F

Fit the brake disc (2-3) by inserting the axle of the steering knuckle through the central hole.

### STEP 2-G

Fit the caliper over the brake disc and the recessed portion of the backplate.



### STEP 2-H

Screw the two lugs of the caliper to the two holes in the steering knuckle using two SD01 screws.



### STEP 2-I

The inner side of the wheel has a tab on one side of the hub. This is designed to lock into a slot in the brake disc.



### STEP 2-J

The centre of the brake disc has a single slot into which the tab shown in Step 2-I fits. (The four outer slots fit the four long flanges in the wheel.)



### STEP 2-K

Fit the wheel so that the spindle of the steering knuckle goes through the central hole and the tabs lock into the slots in the brake disc.



## STEP 2-L

Fix the wheel to the spindle with a flanged SD02 screw. If you hold the steering knuckle, it should now be possible to spin the wheel and the brake disc together, just as on the real car.



## STEP 2-M

Fit the VW badge into the hole in the centre of the wheel, and press it firmly into place.

That completes the assembly of the right front wheel.

## STAGE COMPLETE

This is the position of the wheel when the car is completed.

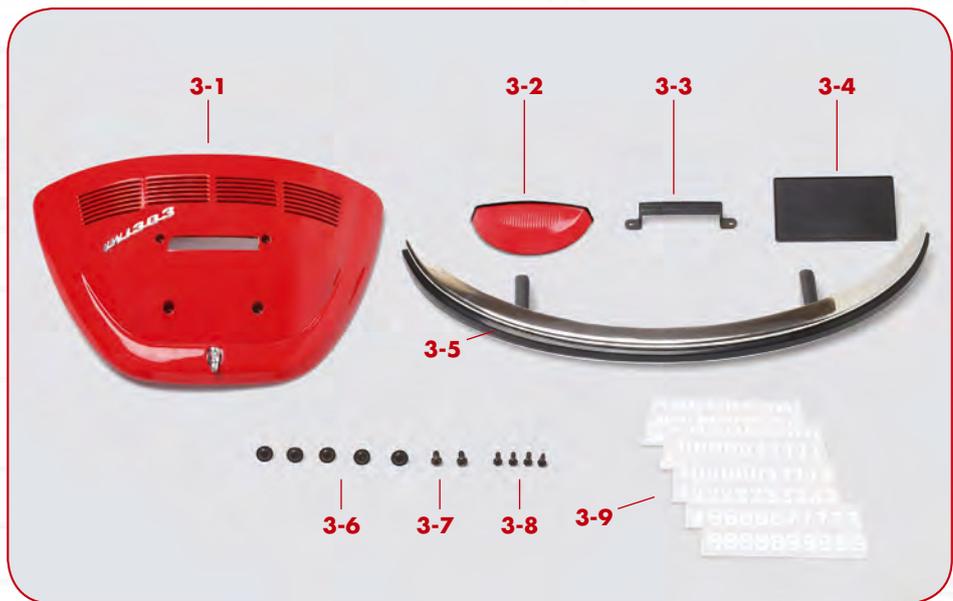


# Stage 3: The engine compartment lid

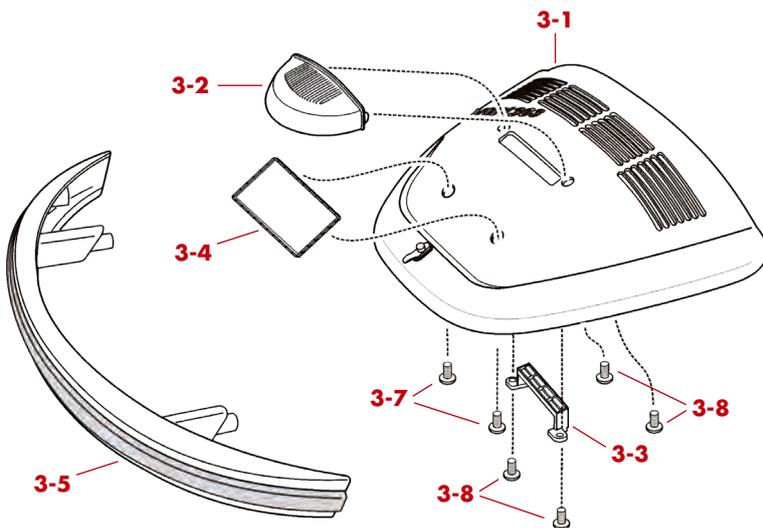
The engine compartment lid is another characteristic feature of the VW Beetle. The model part is already fitted with the handle, lock and badge. This stage covers the installation of the number plate and number plate light housing. The bumper provided will be fitted later on, and you also have a set of stickers to customise the registration number.

**PARTS**

- 3-1** Engine compartment lid
- 3-2** Number plate light housing
- 3-3** Central vent
- 3-4** Number plate
- 3-5** Bumper
- 3-6** SPO3 screws
- 3-7** SDO3 screws
- 3-8** SPO2 screws
- 3-9** Stickers



**PARTS DIAGRAM**



**PARTS TO RETAIN**

The bumper (3-5), stickers (3-9) used to customise the registration, and the screws (3-6) will not be used until later on. Keep them somewhere safe and take care not to lose them.



NOTE: The appearance of the parts you receive may be slightly different from the parts pictured in these pages.



### STEP 3-A

All the parts fitted in this stage are screwed in place from inside. Take care with the lock (already fitted), so as not to damage it during handling.



### STEP 3-B

The central vent (3-3) is shaped to fit the curve of the engine compartment lid.

### STEP 3-C

Fit the vent this way round so it matches the curve of the lid. The two fixing holes should line up with the taller of the mounting lugs beside the slot in the lid.

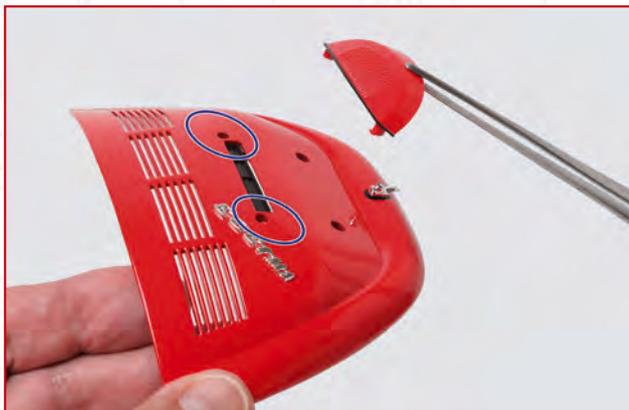


### STEP 3-D

Use two SD03 screws to fix the vent to the mounting lugs in the lid.

### STEP 3-E

Tighten the screws on each side of the vent.



### STEP 3-F

Take the light housing and fit it over the slot in the engine compartment lid, aligning the lugs on each side with the holes in the lid.



### STEP 3-G

Press the light housing into place so it fits flush.



### STEP 3-H

Use two SPO2 screws to fix the housing to the mounting lugs in the lid.



### STEP 3-I

Tighten the screws on each side of the vent.



### STEP 3-J

The number plate has angled fixing lugs. Make sure these are aligned the right way round, as shown.



### STEP 3-K

Press the number plate into place.



### STEP 3-L

Fix the number plate in place with two SP02 screws.

The engine compartment lid should now look like this.



## STAGE COMPLETE



# Stage 4: Exhaust system and engine covers

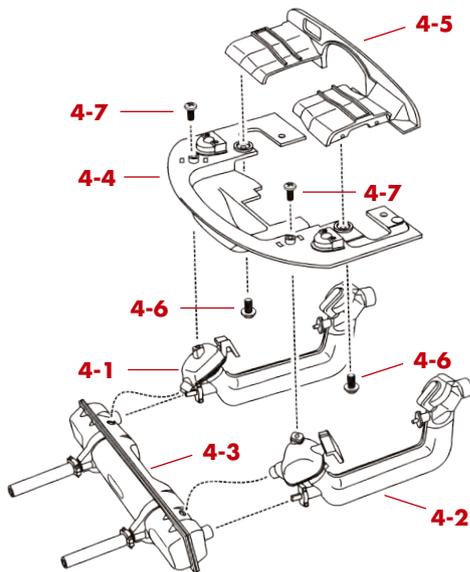
This stage involves the assembly of the exhaust system of the Volkswagen Beetle, together with the tinware that fits under the engine. The exhaust system, with its pair of heat exchangers are typical of the unconventional mechanical design of the vehicle.

**PARTS**

- 4-1** Left heat exchanger
- 4-2** Right heat exchanger
- 4-3** Silencer
- 4-4** Exhaust cover
- 4-5** Bellhousing and under cylinder cover
- 4-6** SP05 screws
- 4-7** SP04 screws



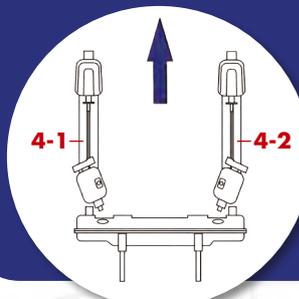
**PARTS DIAGRAM**

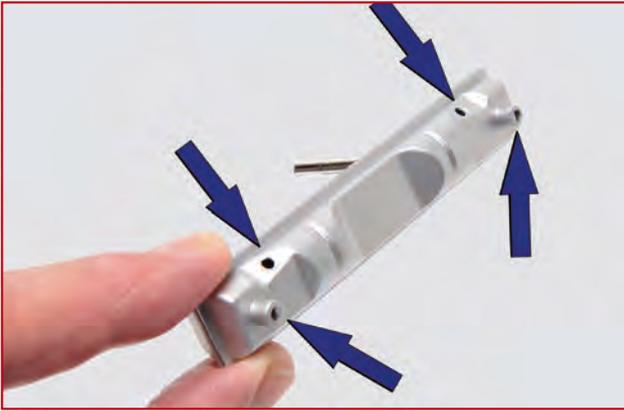


NOTE: The appearance of the parts you receive may be slightly different from the parts pictured in these pages.

**HEAT EXCHANGERS AND DIRECTION OF TRAVEL**

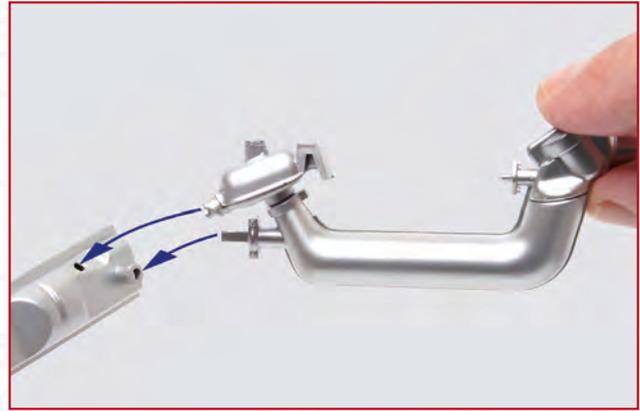
Whenever the step-by-step instructions refer to 'right' or 'left' side, this always refers to the direction of travel of the car. The heat exchangers (4-1 and 4-2) are mirror images of each other. To ensure they fit properly into the exhaust silencer (4-3), be sure to check which side is which.





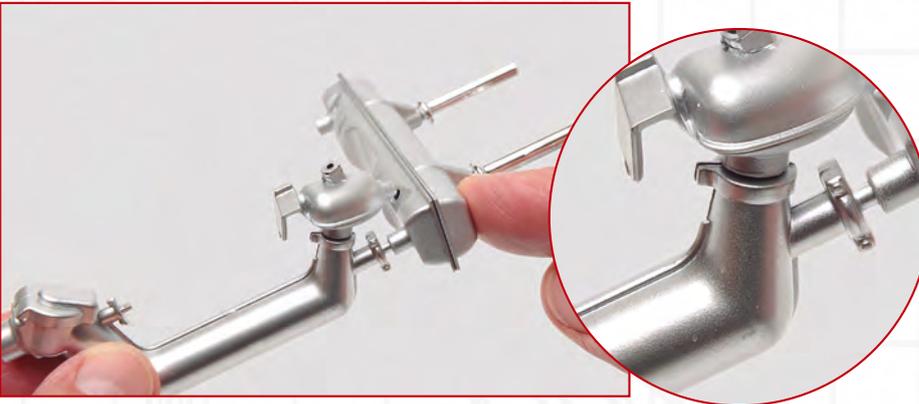
### STEP 4-A

Hold the silencer (4-3) this way up and identify the two ports and two mounting holes near the ends, into which the heat exchangers fit.



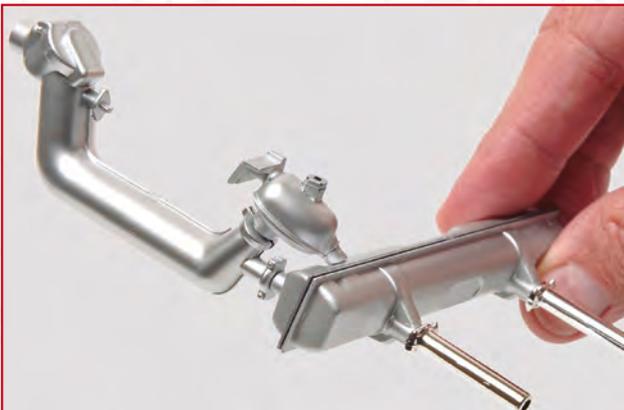
### STEP 4-B

Start with the left heat exchanger (4-1). This has two mounting points corresponding to the holes you identified in Step 4-A.



### STEP 4-C

Press the heat exchanger into place, so it fits as shown.



### STEP 4-D

The assembly should look like this.



### STEP 4-E

Fit the right heat exchanger (4-2) in a similar way.



### STEP 4-F

Align the two engine covers as shown, so the upper part fits onto the mounting holes indicated.



### STEP 4-G

Join the parts with two SP05 screws in the holes indicated in Step 4-F.

### STEP 4-H

Identify the two mounting points shown, which are circular recesses with flats on each side.



### STEP 4-I

Position the assembly over the heat exchangers like this, so that the mounting points match up with the two lugs on top of the heat exchangers.

### STEP 4-J

Press the parts together and fit two SP04 screws into the mounting holes.



### STEP 4-K

Tighten the screws to secure the covers to the heat exchangers.

The finished assembly should look like this.

### STAGE COMPLETE



# Stage 5: Driver's seat back and headrest

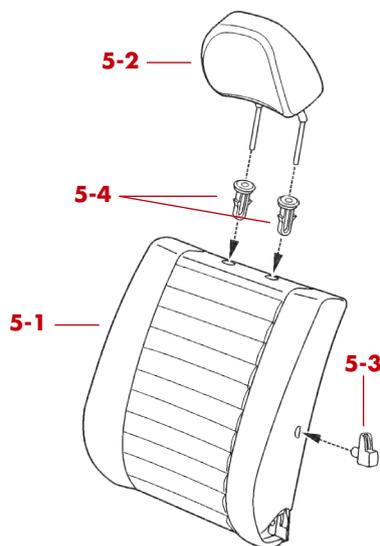
Start the assembly of the driver's seat by fitting the headrest to the seat back. The soft upholstery materials are represented by realistically textured materials with an accurate stitching pattern.

## PARTS

- 5-1** Driver's seat back
- 5-2** Headrest
- 5-3** Seat adjustment handle
- 5-4** Headrest mountings



## PARTS DIAGRAM



NOTE: The appearance of the parts you receive may be slightly different from the parts pictured in these pages.

## MODELLING TOOLS

Assembling the Beetle requires few extra materials and tools. The most useful tool is a screwdriver, and different ones will be provided as they are needed to assemble the model parts, but you may find it useful to supplement them with another set of different sizes. You will also find it convenient to have a craft knife for removing small burrs and helping to accurately position small parts and apply glue.



Screwdrivers



Craft knives



### STEP 5-A

The left side of the driver's seat back (5-1) has a hole for mounting the handle (5-3). The hole is D-shaped to ensure that the handle fits the right way up.



### STEP 5-B

Align the handle like this.



### STEP 5-C

Press the handle into position.



### STEP 5-D

Align one of the headrest mountings with one of the holes in the top of the seat back. It fits this way round.

**STEP 5-E**

Press the headrest mounting into position.

**STEP 5-F**

Repeat the previous steps to fit the second headrest mounting.

**STEP 5-G**

The legs of the headrest (5-2) have tips that will lock them into the supports while leaving the headrest free to slide up and down.

**STEP 5-H**

Fit the legs of the headrest into the holes in the mountings.



**STEP 5-I**

Press the headrest into place.

At the end of this stage, the seat back assembly should look like this.

**STAGE COMPLETE**

