

AC[®] SCHNITZER

- Fitting Instructions -

Rear Diffuser

- G30 / G31 -

M-Technik



Part No.: 5112 330 310

General Notes !



AC Schnitzer Rear Diffuser – G30 / G31 – M-Technik

Important Notes !

These Fitting Instructions must be read in full before beginning installation work. AC Schnitzer bears no liability for damage caused by incorrect installation !

These Fitting Instructions are intended solely for use by authorised AC Schnitzer dealers.

These Fitting Instructions are in all cases directed at professionals trained in BMW vehicles who have the corresponding specialist knowledge.

All diagrams show LHD vehicles, for RHD vehicles proceed accordingly or follow separate Fitting Instructions.

As manufacturer, we are obliged to point out that any changes you make to a vehicle licensed for use on public roads require approval by a test centre and registration in the vehicle documents. As the legal regulations may vary according to location, please contact the competent authorities for information.

Fitting

Carry out all work in accordance with applicable safety regulations (e.g. wear safety goggles).

The AC Schnitzer rear diffuser is only fitted in conjunction with... M-Technik (S715A)

.... not to be used when a trailer towing device is fitted.

➡ **Before painting, remove towing eye cover and paint this too !**

Painting

Before painting, all AC Schnitzer bodystyling components **must** be checked for fit on the vehicle (e.g. contact surfaces / contours).

Any retouching work (e.g. sanding of contact surfaces / contours) must be carried out before painting !

Painting Instructions and corresponding notes and recommendations are attached at the end of these Fitting Instructions. The instructions of the paint manufacturer must be observed!

Fitting time (1 unit = 5 Minutes)

The fitting time is **12 units** and may vary depending on condition and equipment level of the vehicle.

Painting time (1 unit = 5 Minutes)

The painting time is **12 units** and may vary depending on composition of the component.

Components Supplied



AC Schnitzer Rear Diffuser – G30 / G31 – M-Technik

- A AC Schnitzer rear diffuser
- B AC Schnitzer sticker – black –
- C Cable ties
- D Washer U6
- E Fixing screw 5x30mm
- F Spacer
- G Velcro / adhesive strips
- H TÜV component certificate

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Components Supplied

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A



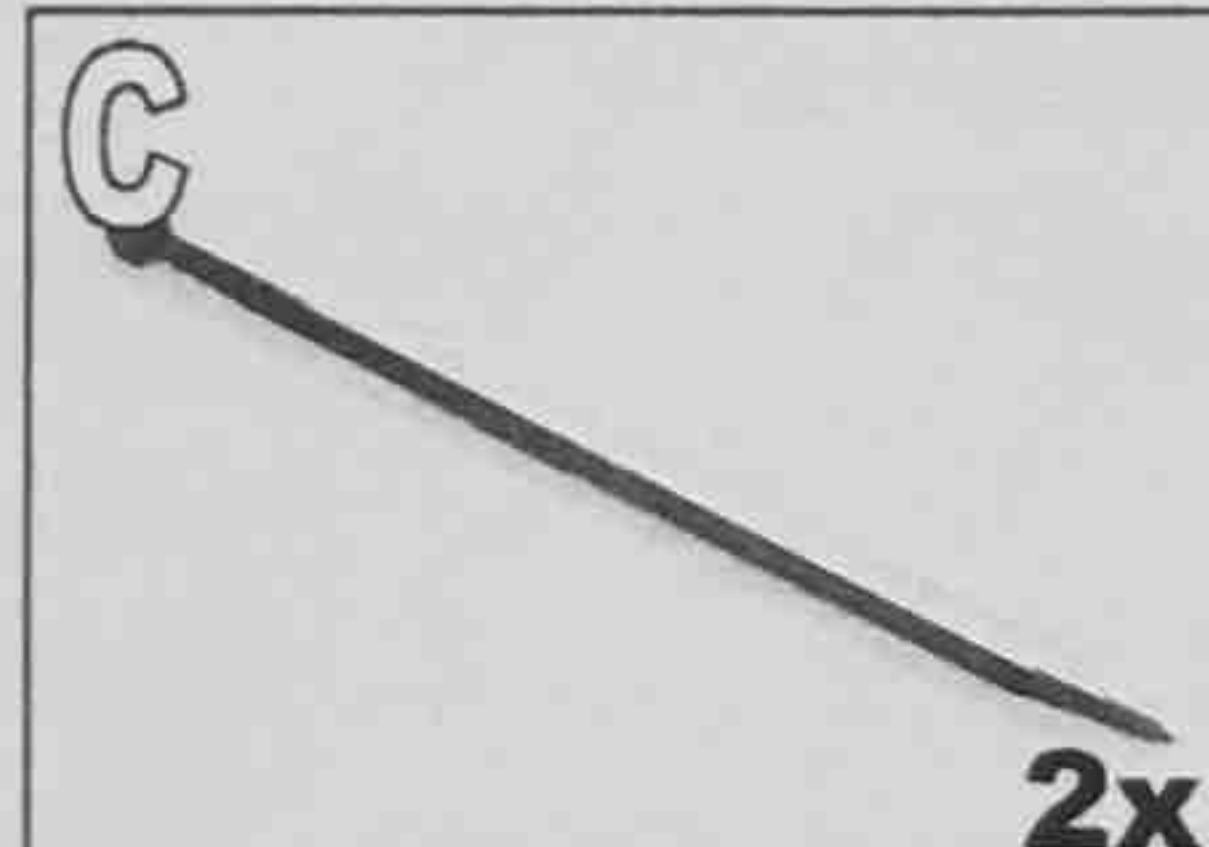
1x

B



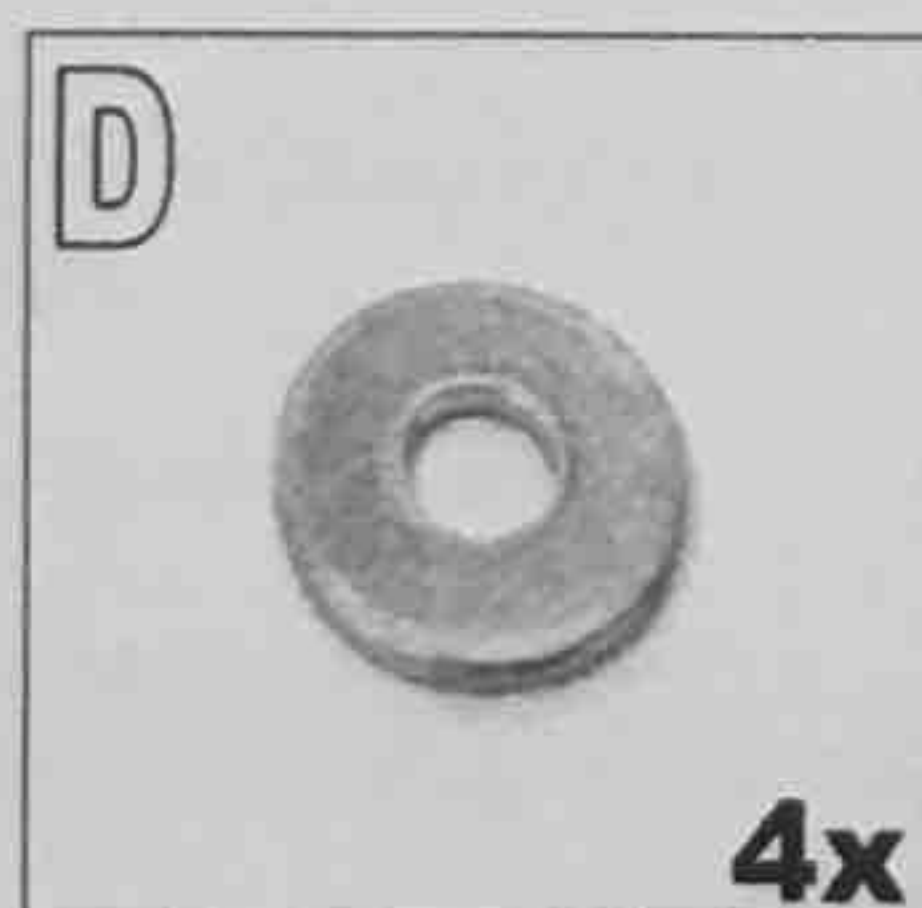
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C



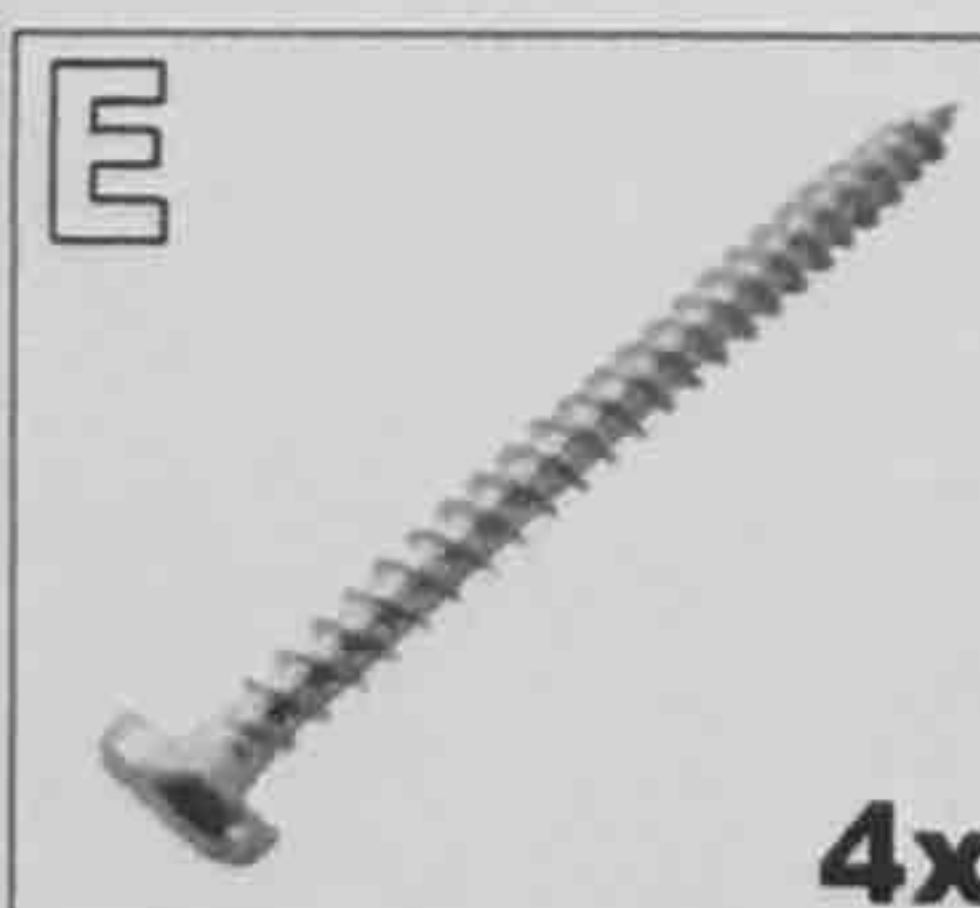
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D



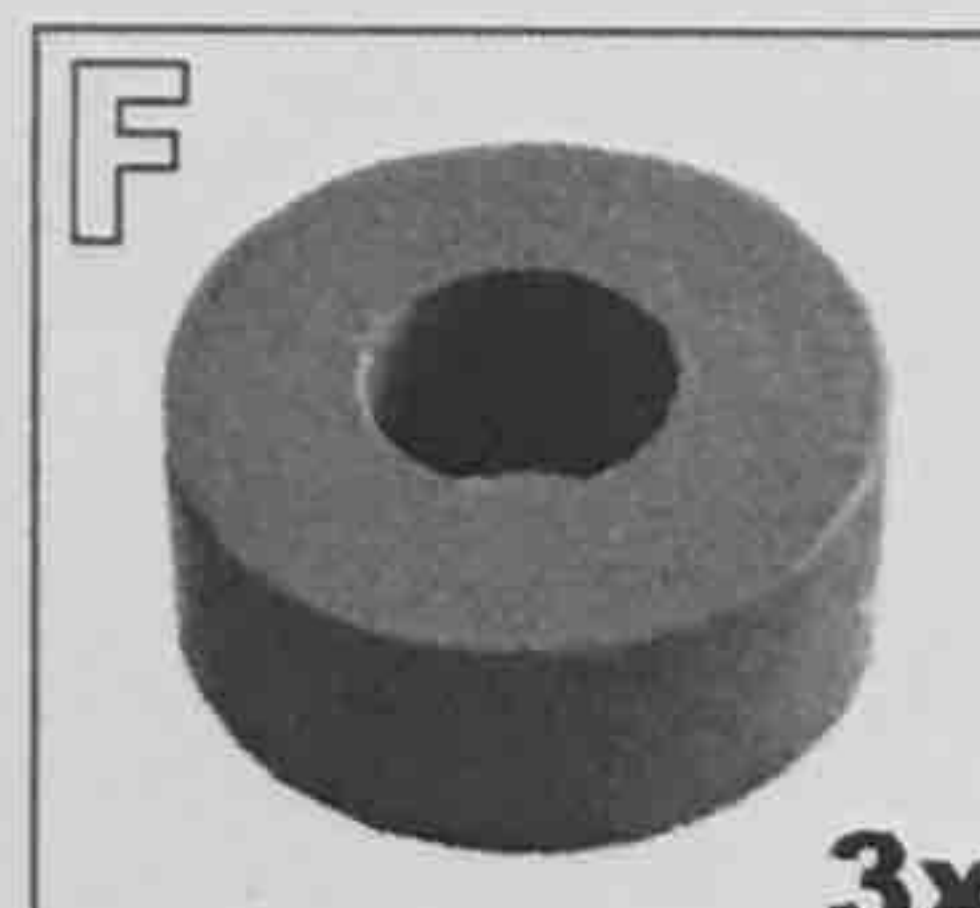
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E



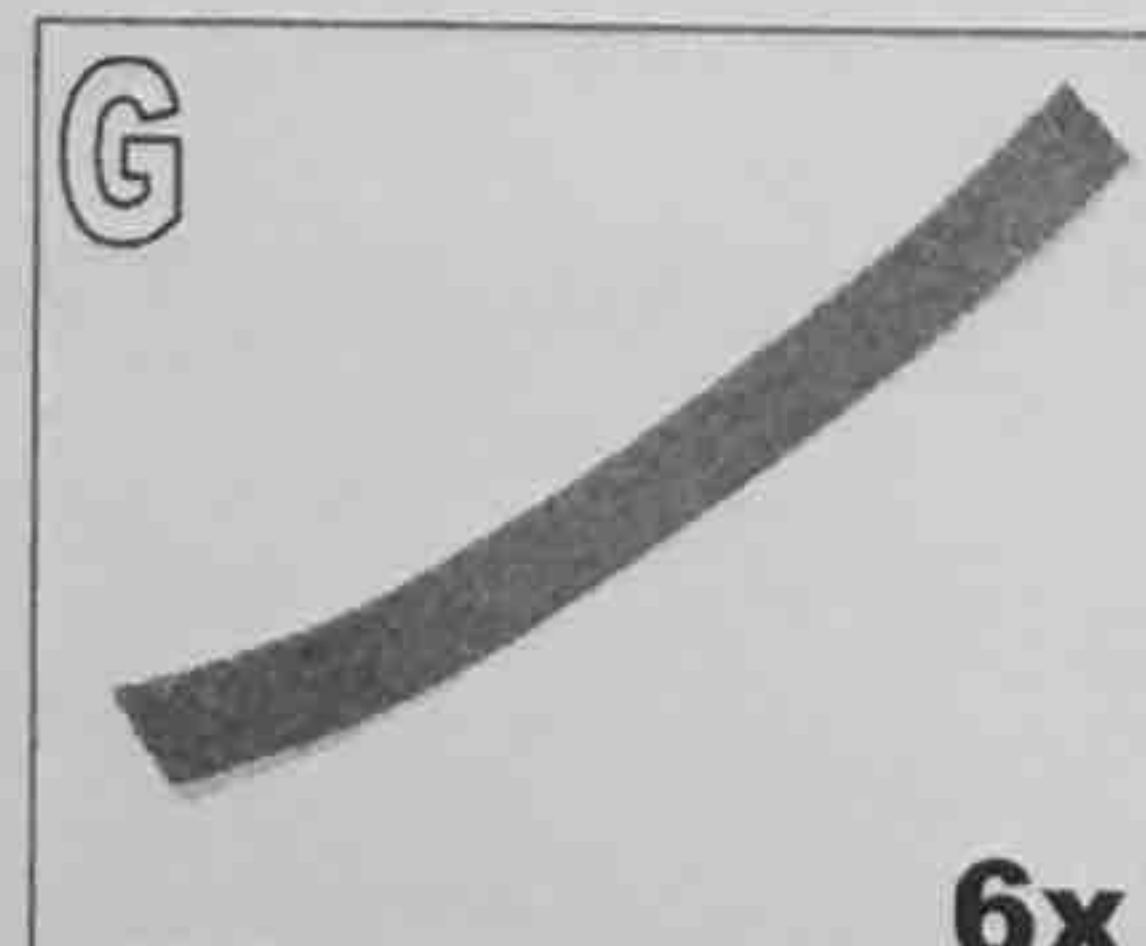
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F



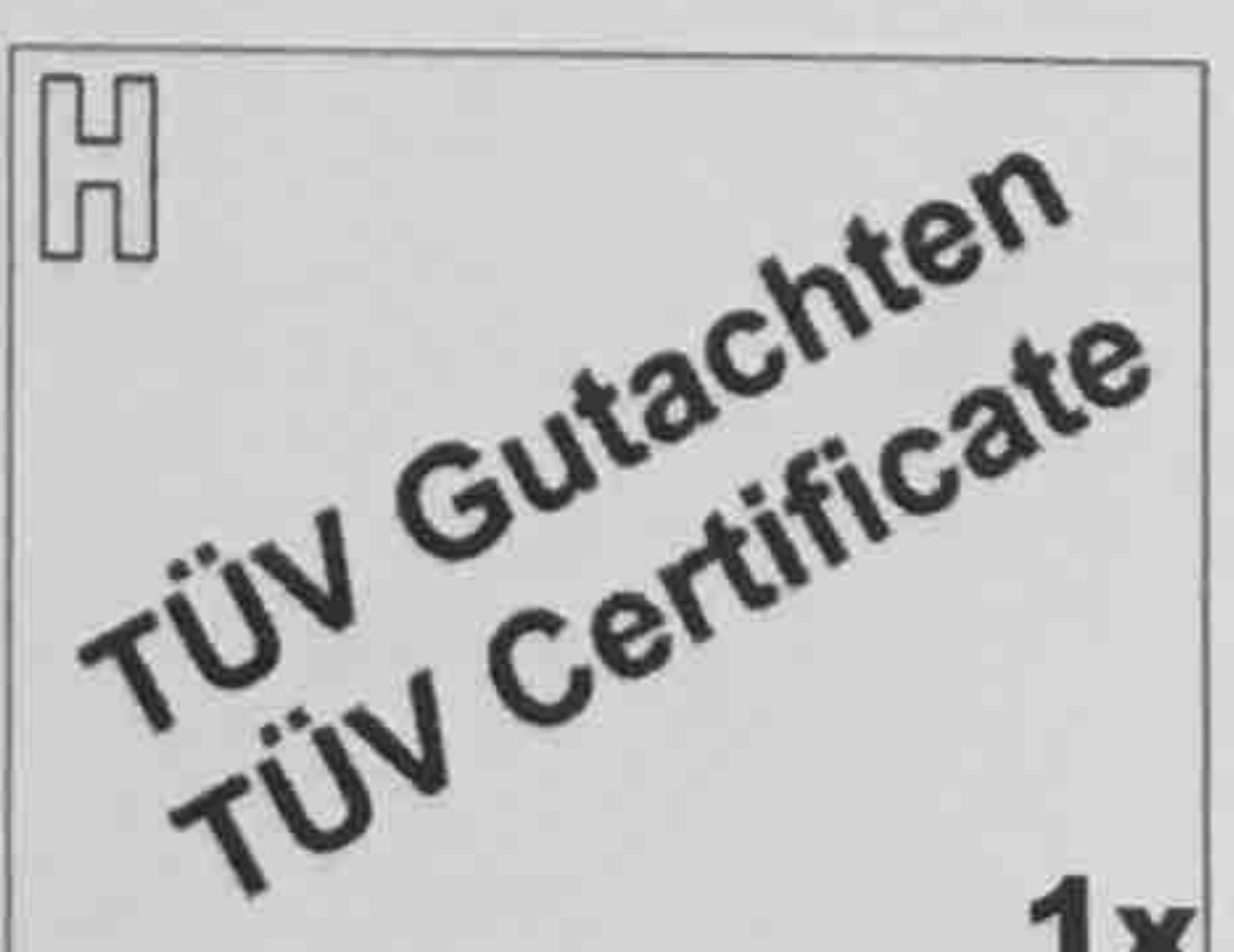
3x

G



6x

H



1x

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Fitting the AC Schnitzer Rear Diffuser

Unclip towing eye cover and paint this together with the AC Schnitzer rear diffuser.

Fig. 1

Remove standard rear skirt insert. To do this, release fixing screws (1) on right and left.



Fig. 2

Unclip standard rear skirt insert (1) and remove towards the back.

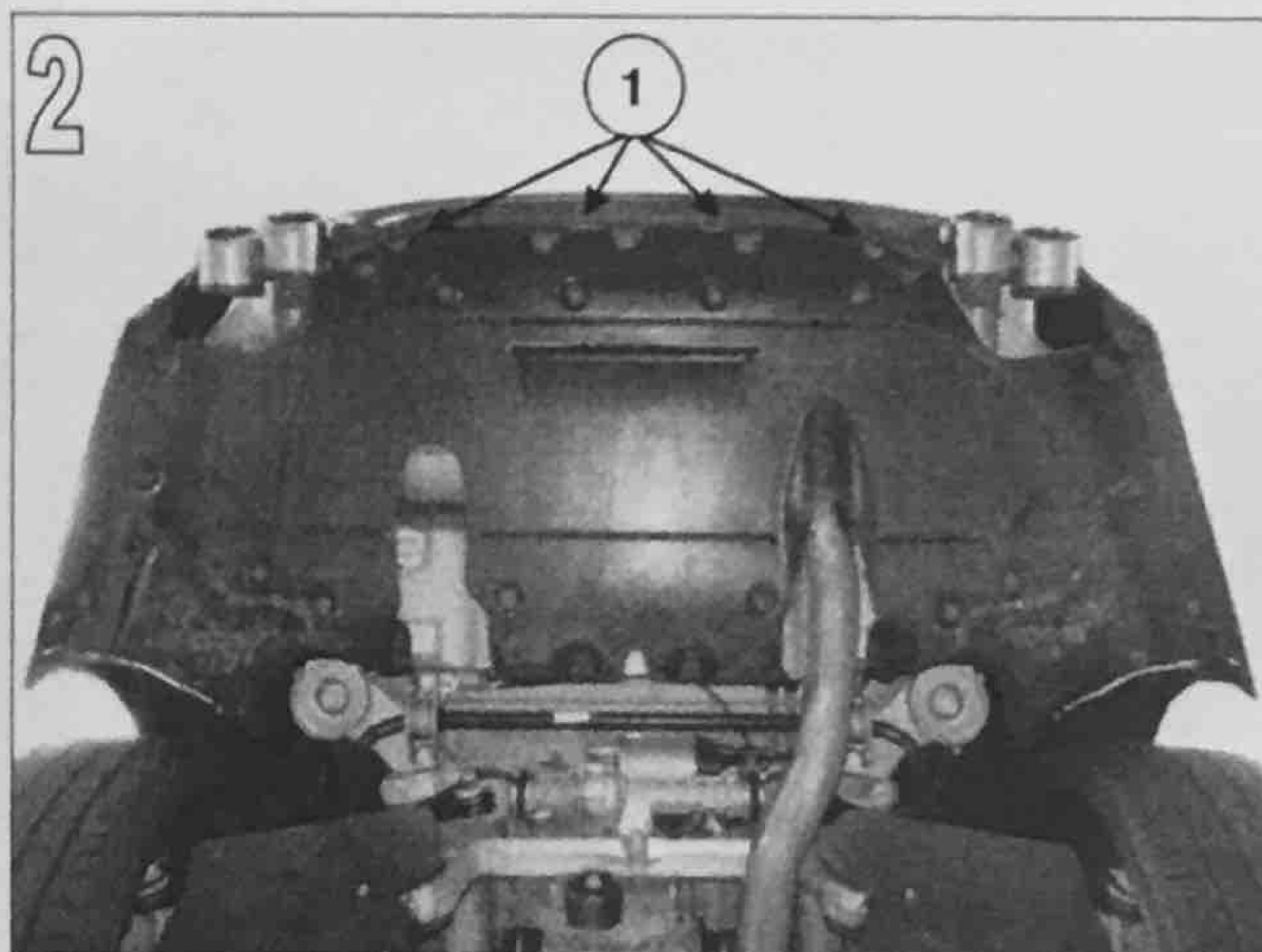
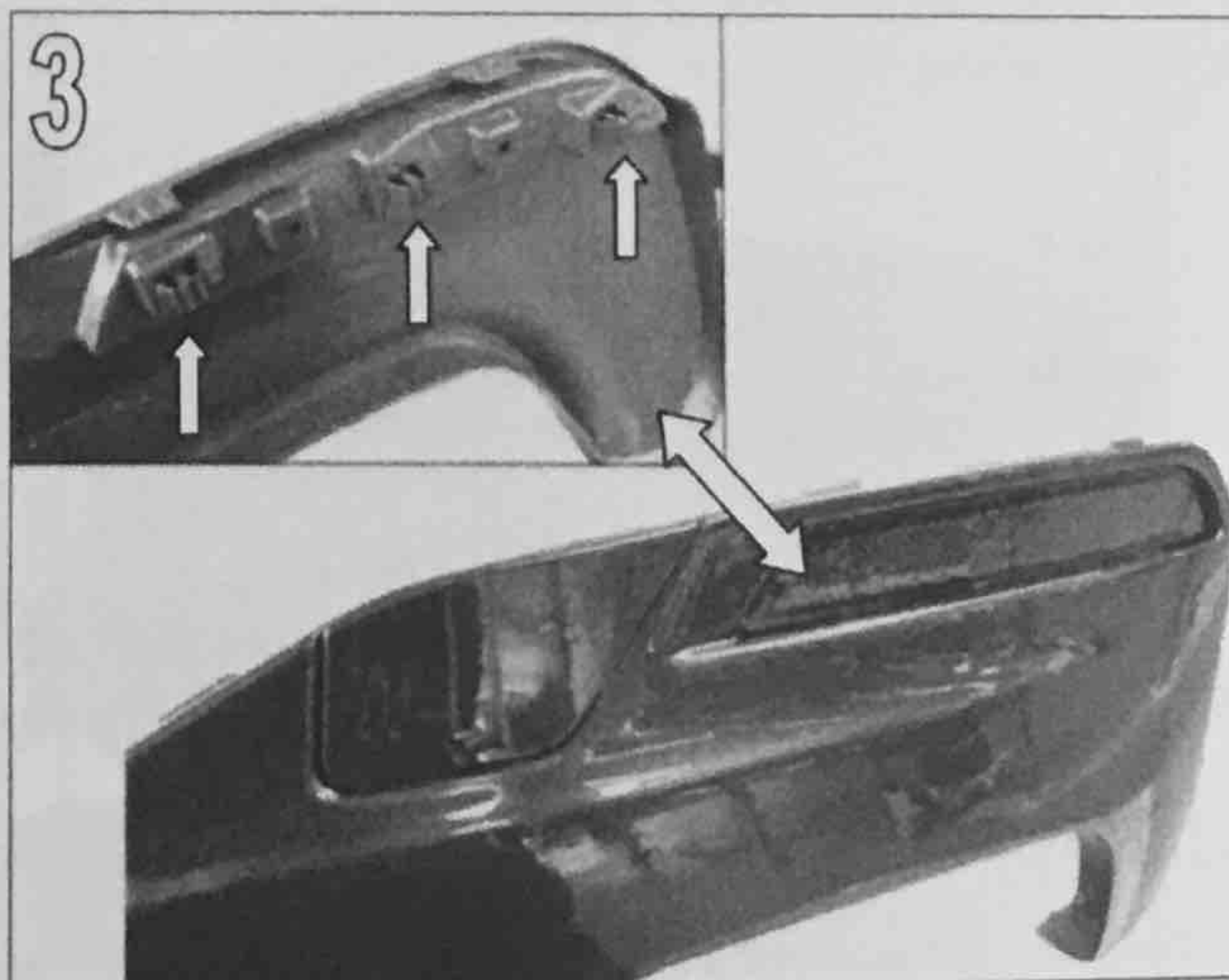


Fig. 3

Clip (painted) towing eye cover into the AC Schnitzer rear diffuser. Unclip reflector from standard rear skirt insert and clip into the AC Schnitzer rear diffuser.



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Fitting (cont'd.)

Fig. 4

Disconnect centre control unit plug (1). Unclip wiring clip (2).

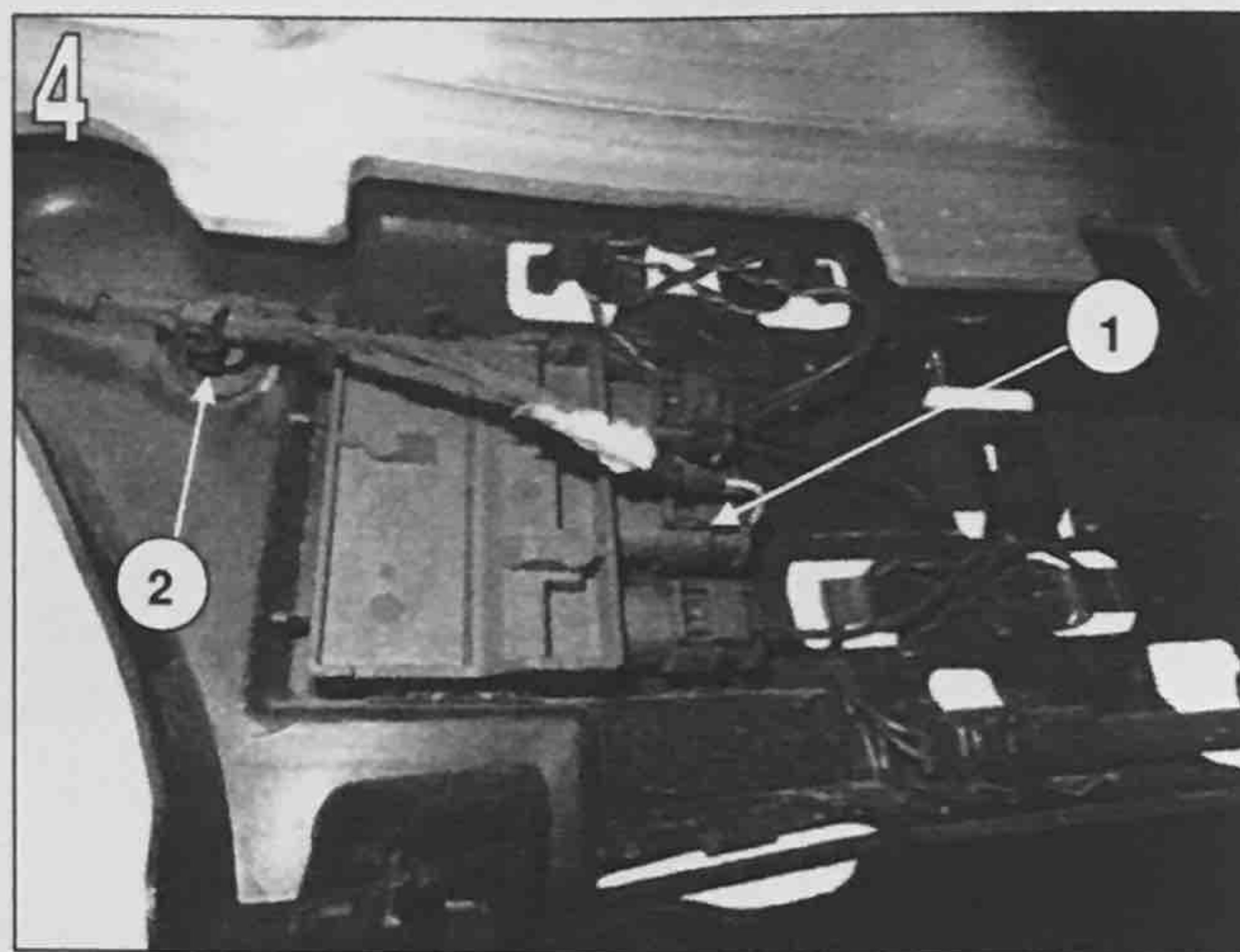


Fig. 5

Extract antenna cable from plastic exhaust carrier and route away towards the inside.

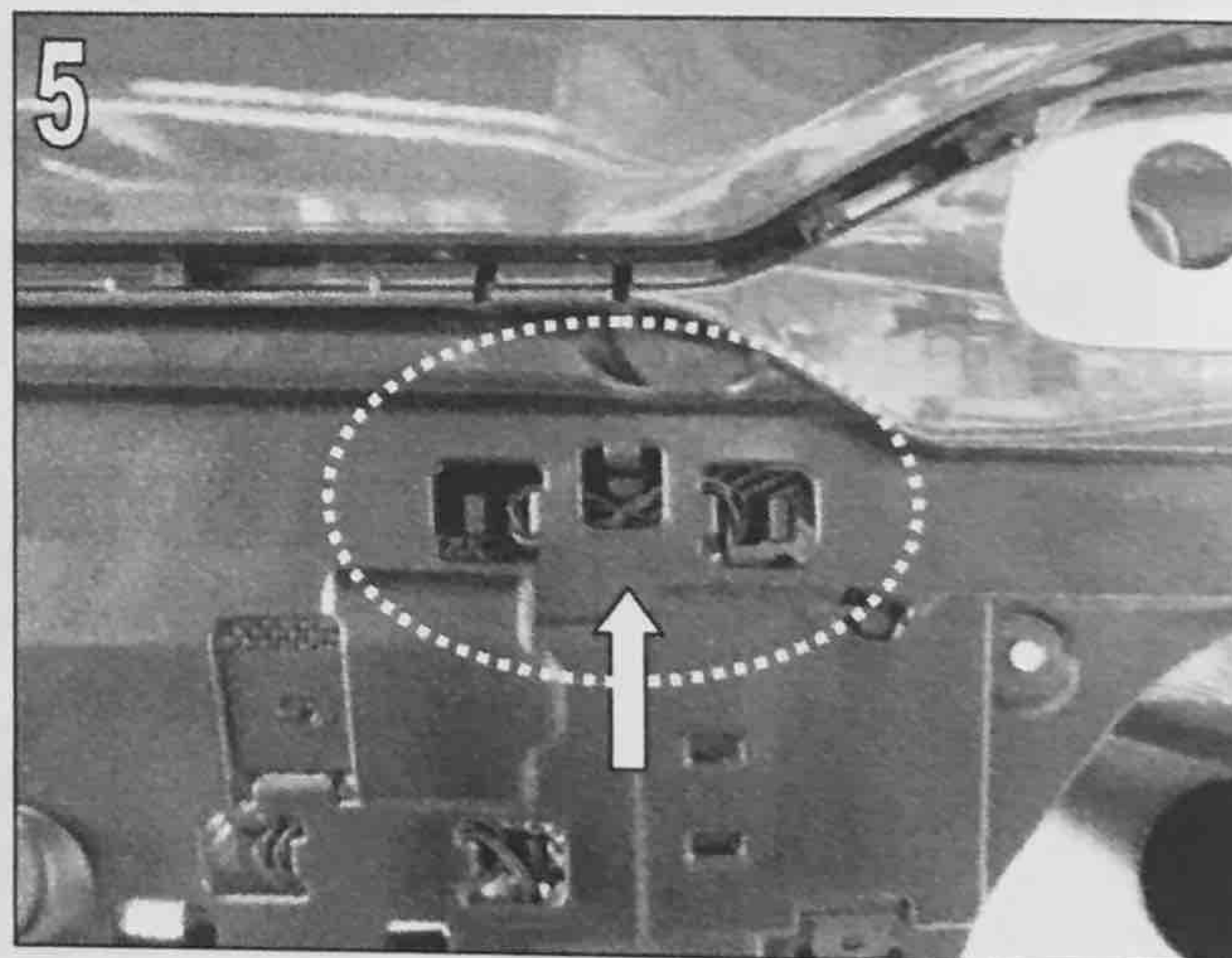
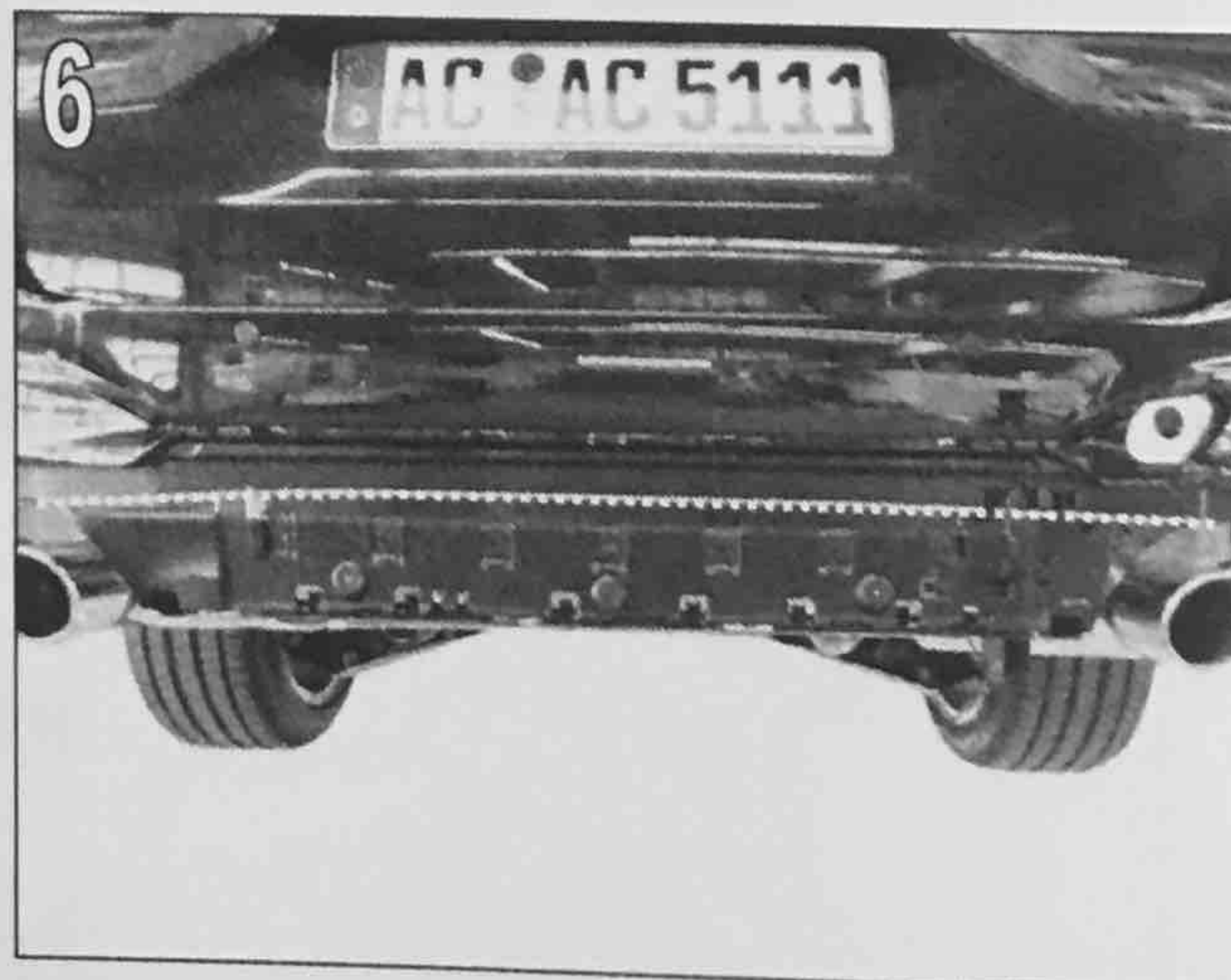


Fig. 6

Mark plastic exhaust carrier as shown along the contour of the plastic exhaust carrier using a marker pen.



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Fitting (cont'd.)

Fig. 7

Cut out plastic exhaust carrier using an air saw or similar. When cutting, be careful of bumper bracket below and any wiring lines.

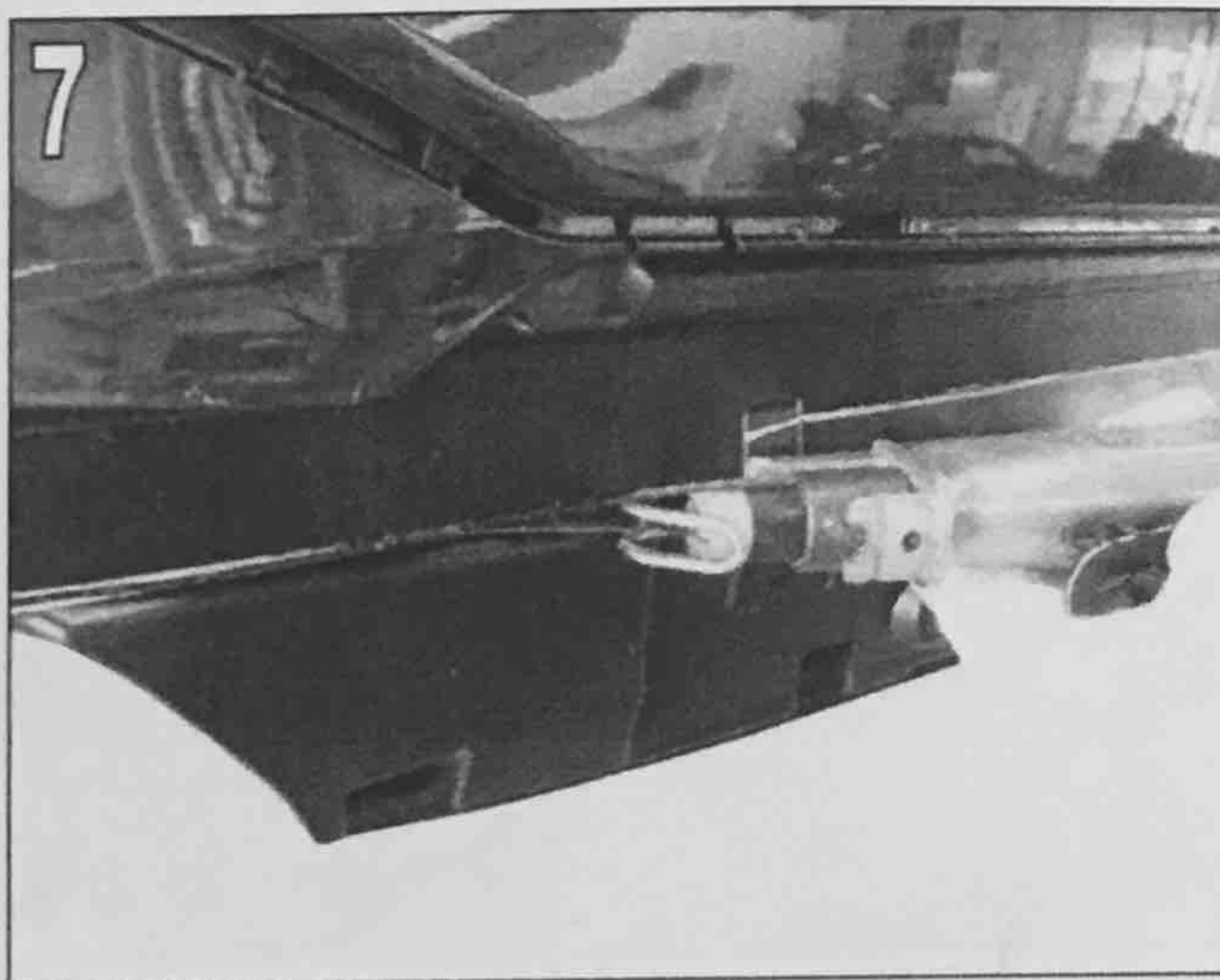


Fig. 8

Cut-away plastic exhaust carrier.

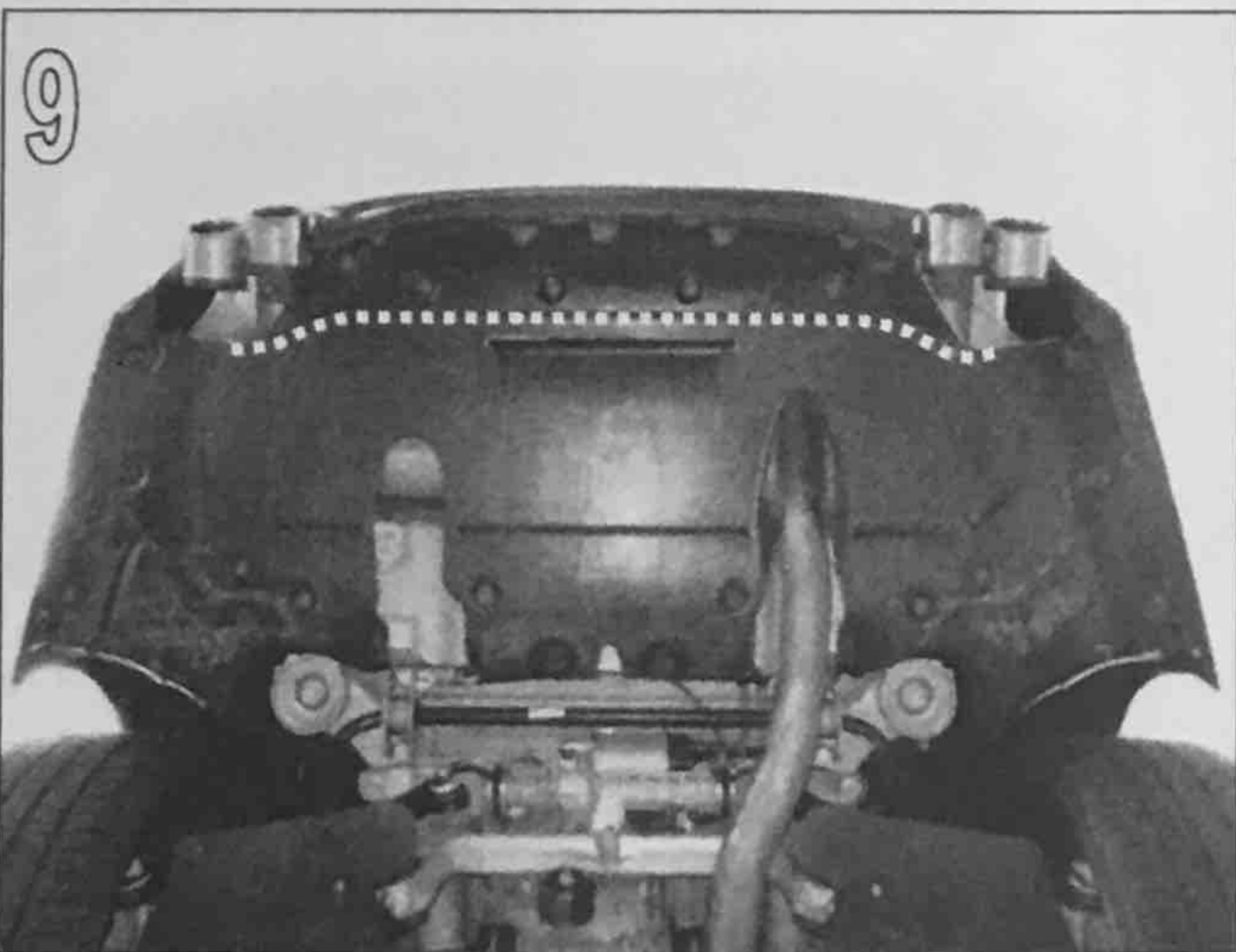


Figs. 9 & 10 only for vehicles with underfloor
panelling

(For vehicles without underfloor panelling,
go to Fig. 11)

Fig. 9

Also cut away the underfloor panelling at the marked point as shown.



Fitting Instructions

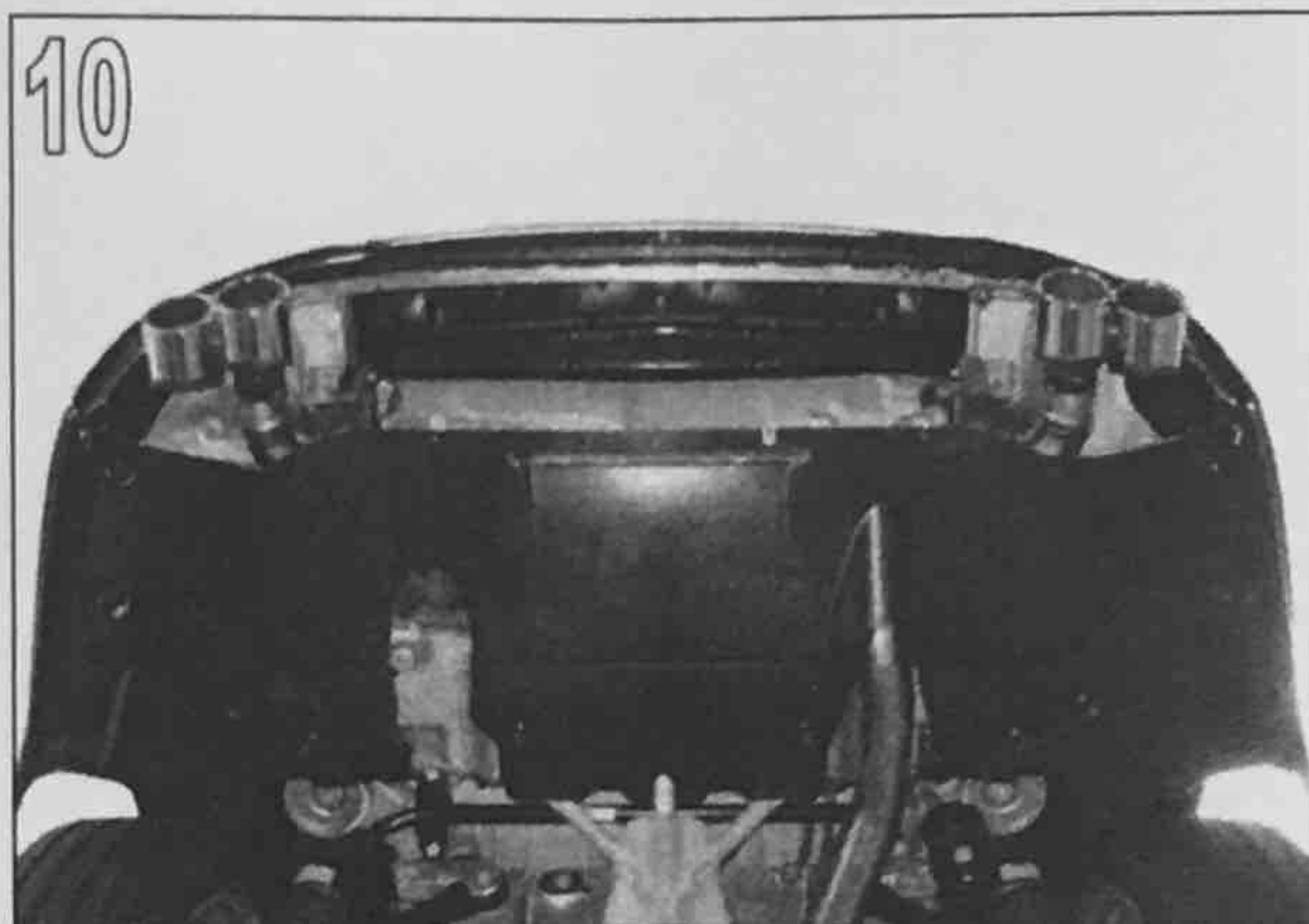
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Fitting (cont'd.)

Fig. 10

Cut-away underfloor panelling.



... continue for all models.

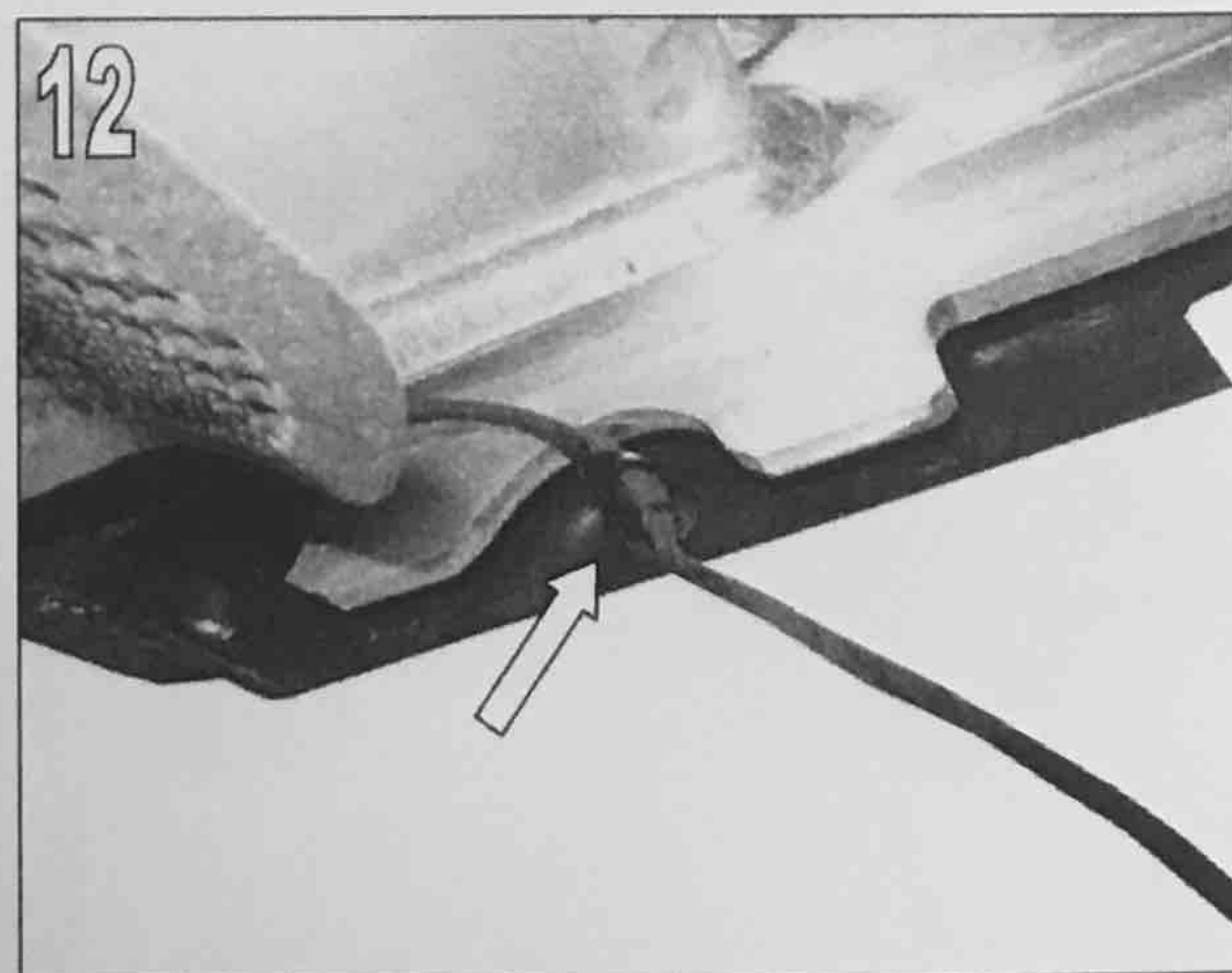
Fig. 11

Drill a 6.5 mm hole in the remaining plastic exhaust carrier vertically to the towing eye.



Fig. 12

Using the existing clip, clip the control unit plug line (previously unclipped) into the hole made.



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Fitting (cont'd.)

Fig. 13

Unclip both antennae (1) & (2) and the control unit (3) from the cut-away plastic exhaust carrier.

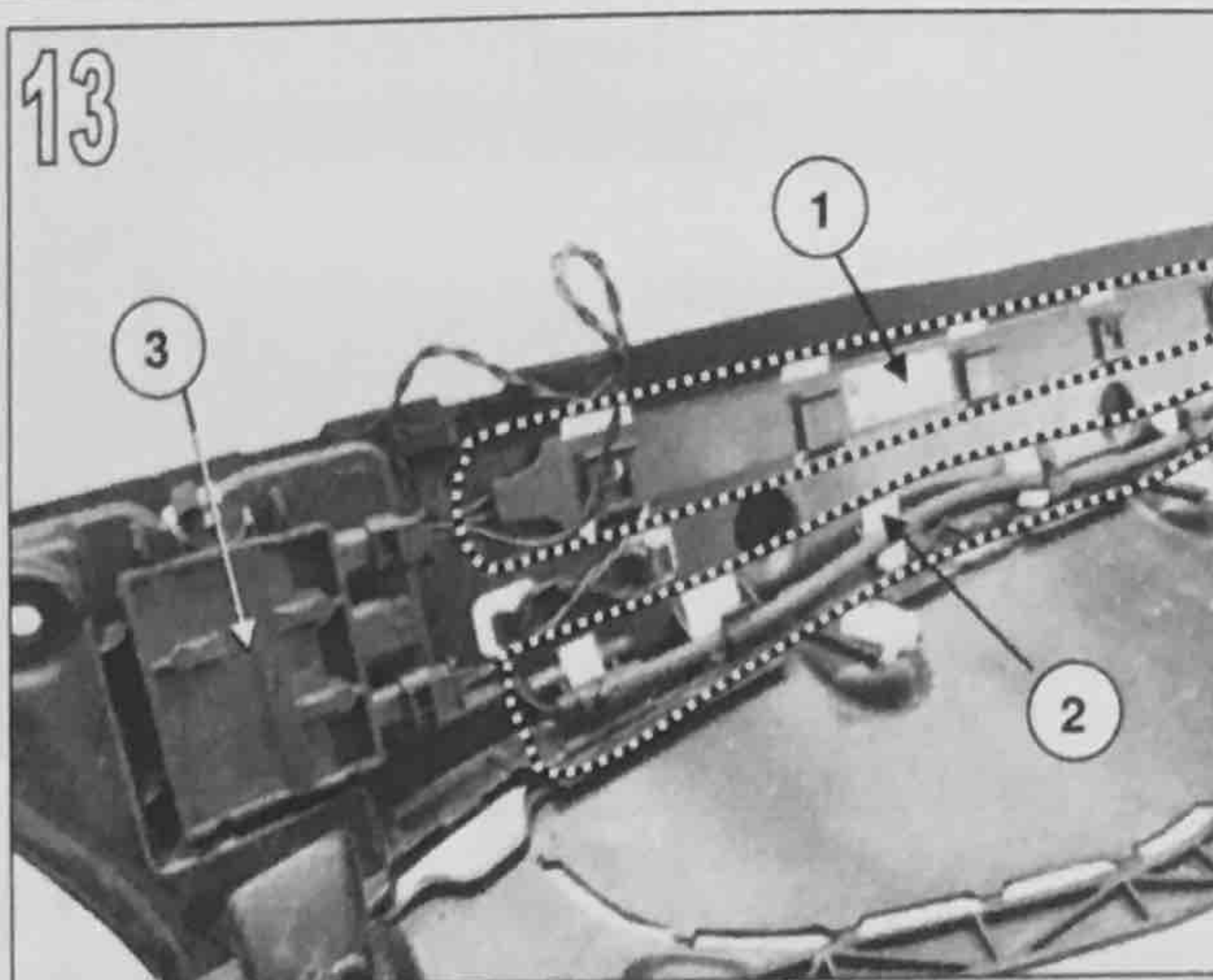


Fig. 14

Clip / glue the unclipped antennae and control unit into the AC Schnitzer rear diffuser as shown.

To do this, use the velcro / adhesive strips supplied and the cable holders already fitted.

The adhesive surfaces must be free from dust and grease.

Secure the wiring loom using the cable ties supplied.

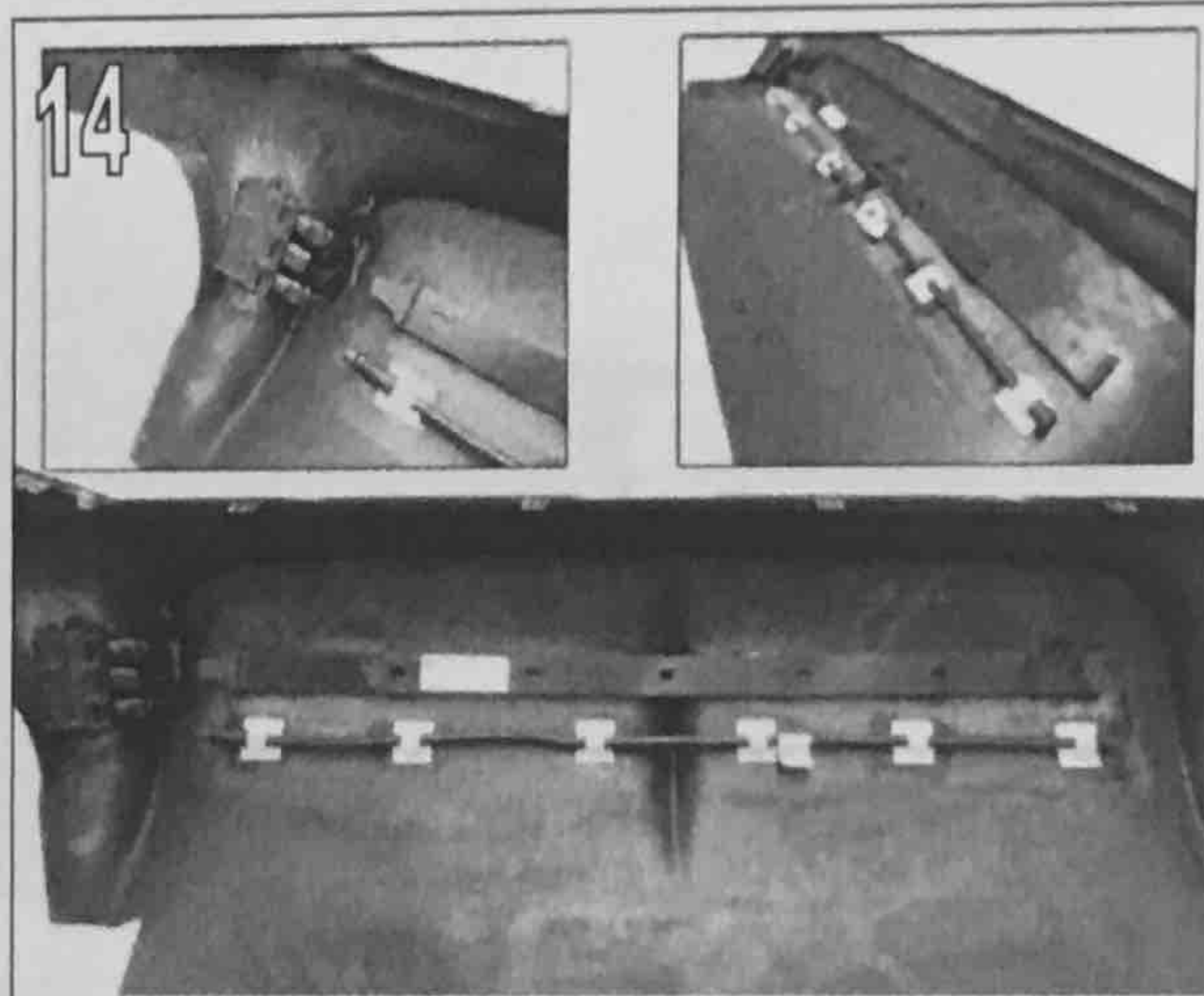


Fig. 15

Insert AC Schnitzer rear diffuser into the standard rear skirt and clip into place. Ensure that all locking tabs engage.



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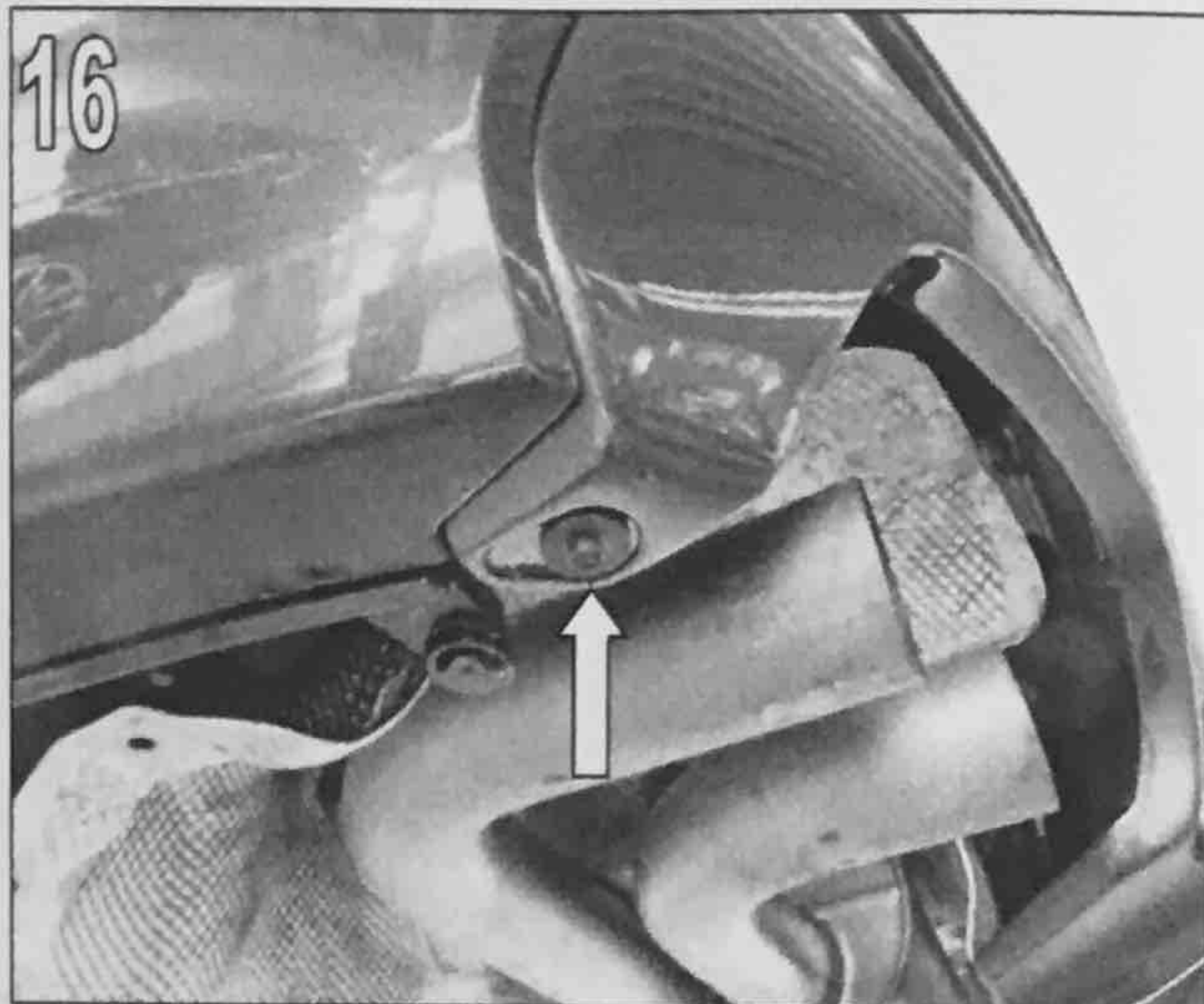
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Fitting (cont'd.)

Fig. 16

Attach the AC Schnitzer rear diffuser underneath at the right and left using the standard fixing screws.



Figs. 17 & 18 only for vehicles with underfloor panelling

(For vehicles without underfloor panelling, go to Fig. 19)

Fig. 17

Drill a 6.5 mm hole in the underfloor panelling through the existing holes in the AC Schnitzer rear diffuser.

Ensure that the underfloor panelling is guided between the AC Schnitzer rear diffuser and the heat shield.

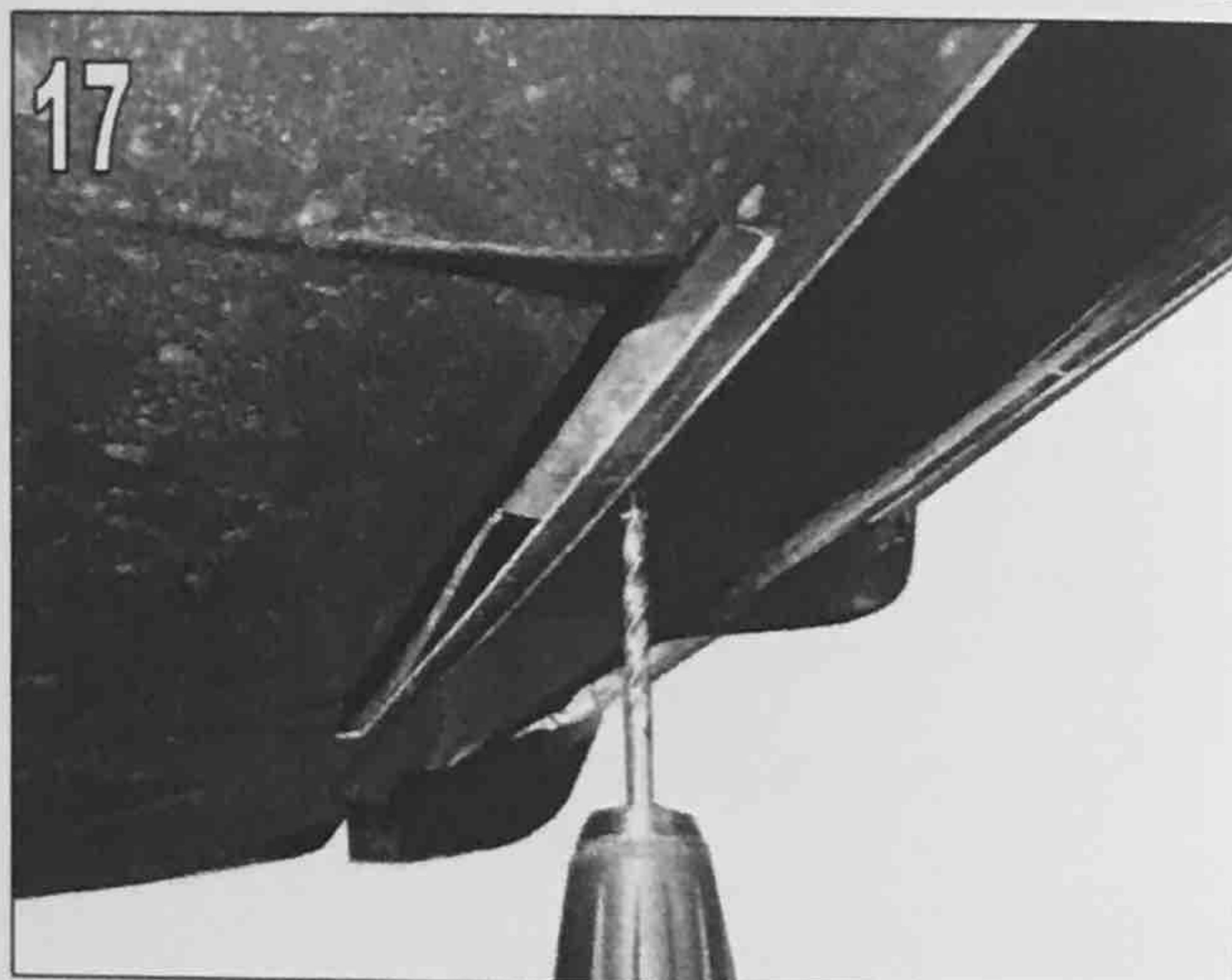
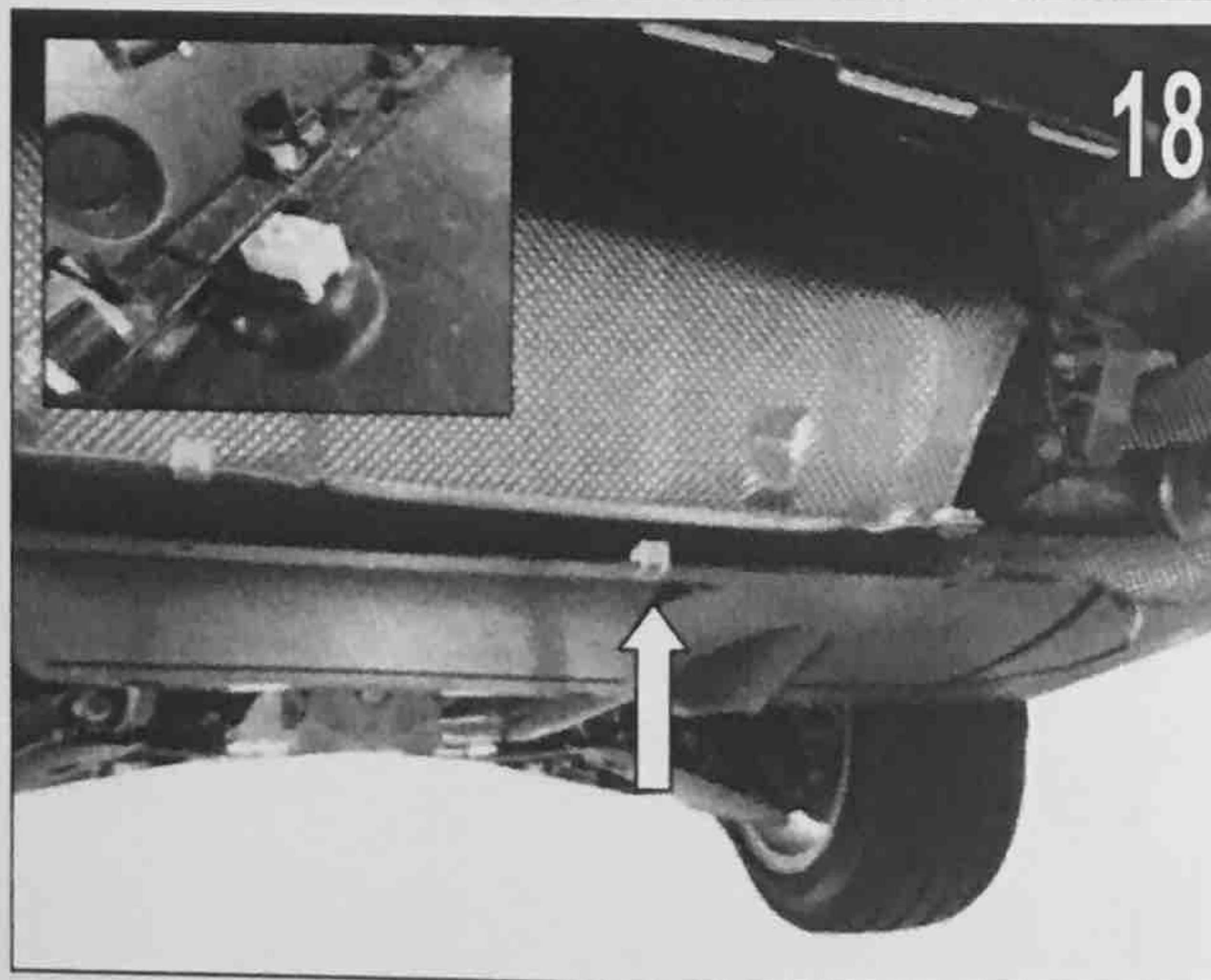


Fig. 18

Unclip the standard plastic nut (1) from the cut-away plastic exhaust carrier, and clip into the underfloor panelling as shown.



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Fitting (cont'd.)

... continue for all models.

Fig. 19

Insert the spacers supplied between the AC Schnitzer rear diffuser and the heat shield.

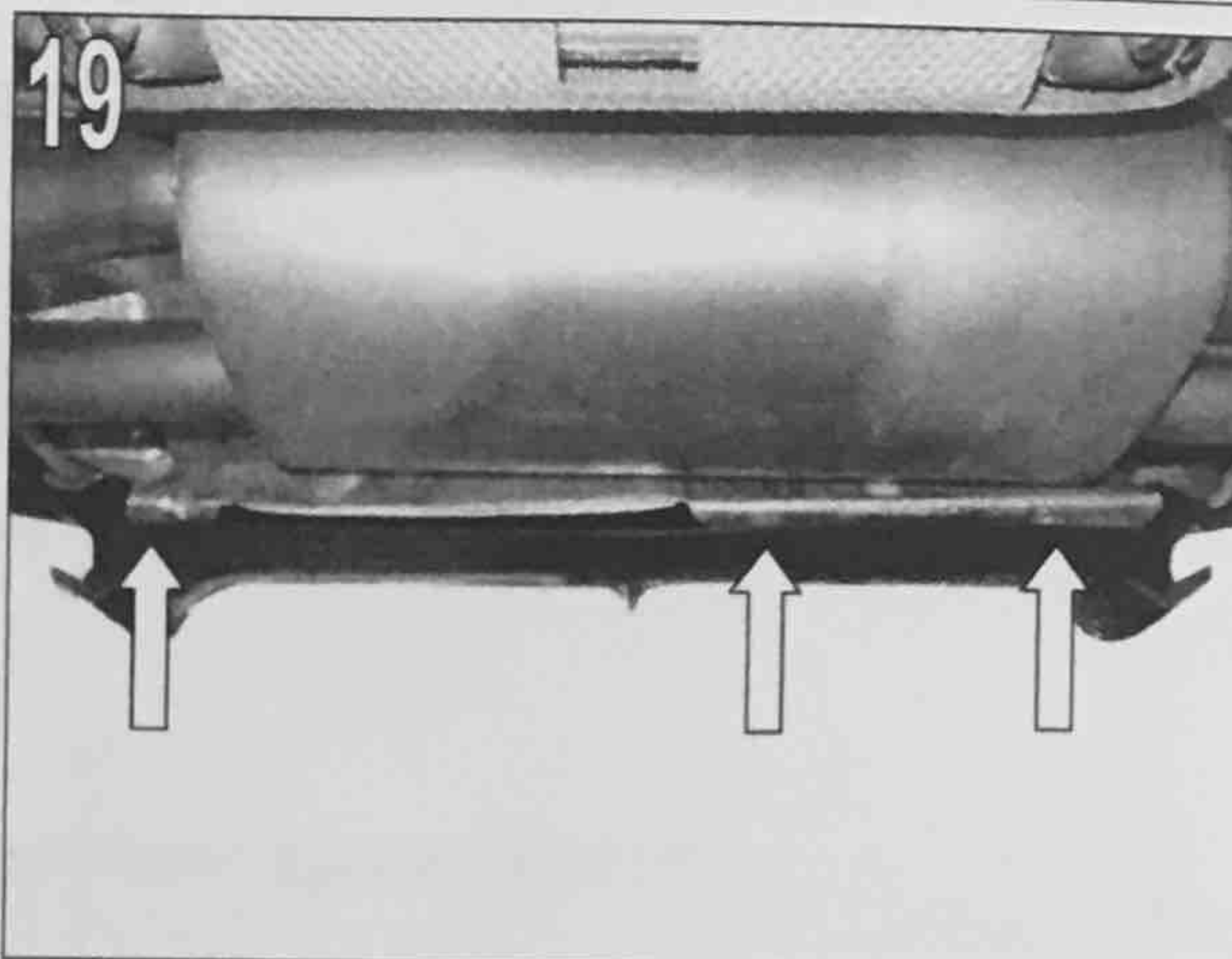
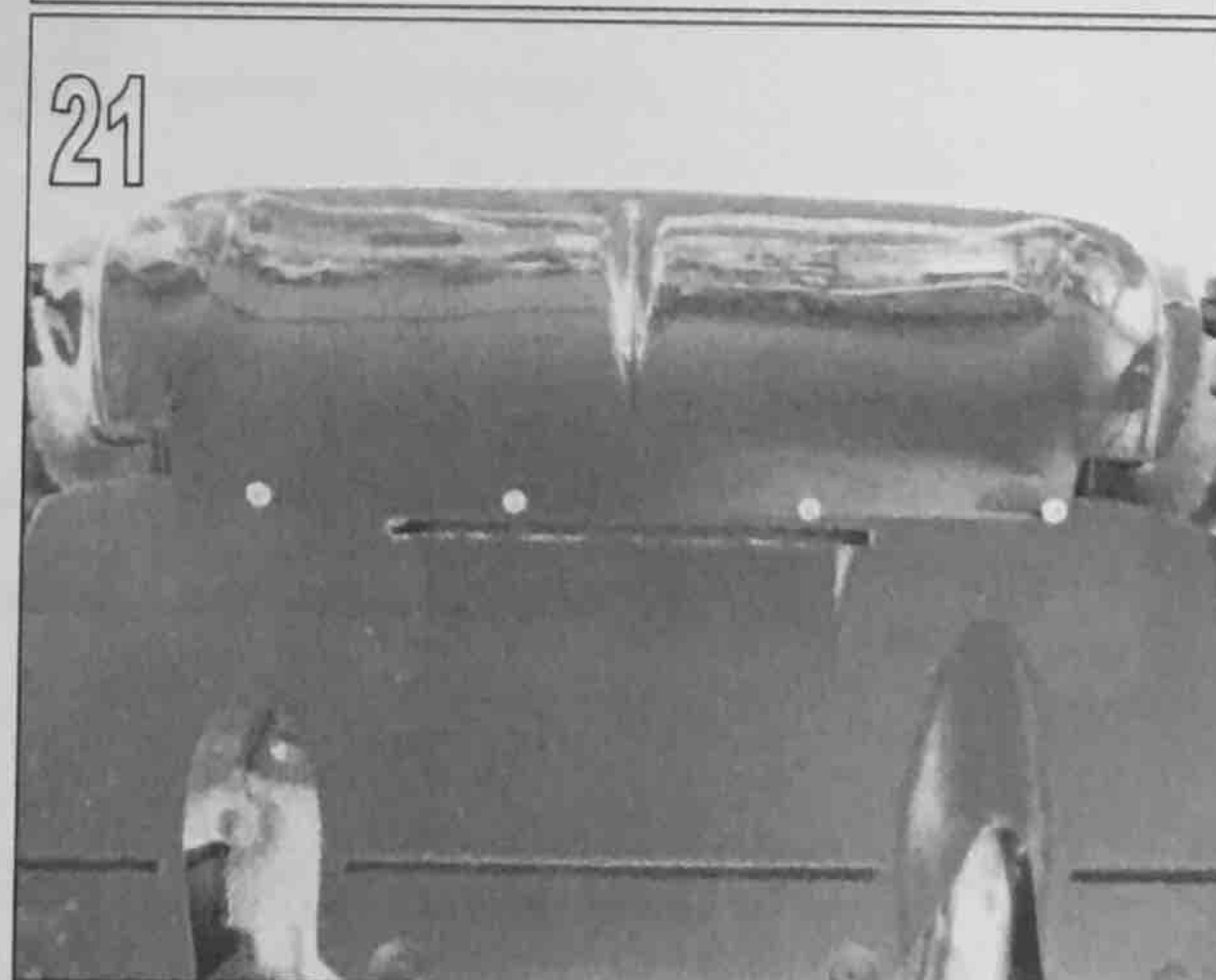
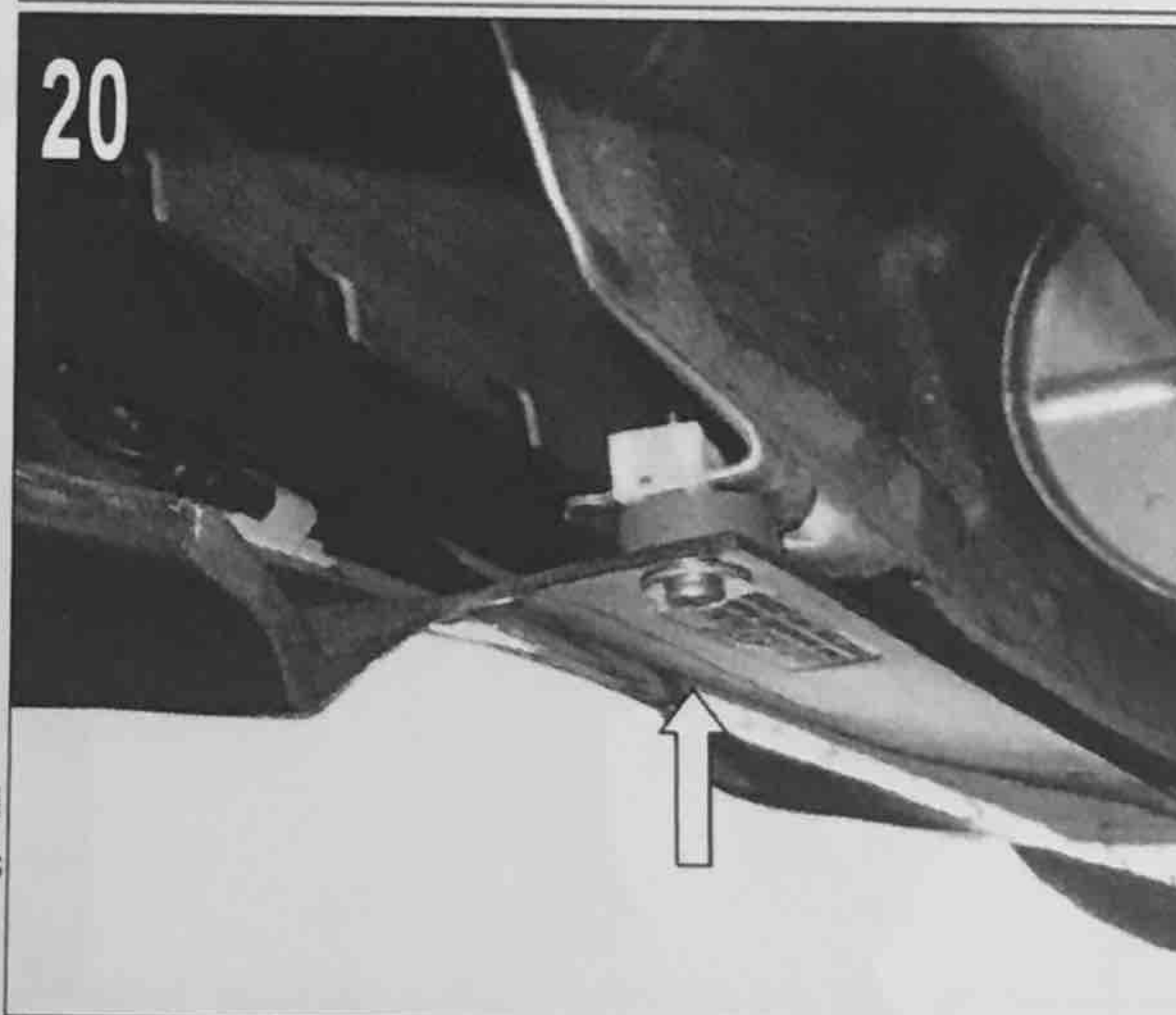


Fig. 20 & 21

Attach the AC Schnitzer rear diffuser to the heat shield using the fixing screws 5x30mm, washers and spacers supplied.

Bend heat shield slightly if required.



Fitting Instructions

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Fitting (cont'd.)

Fig. 22

Reconnect the control unit plug and ensure that it latches.

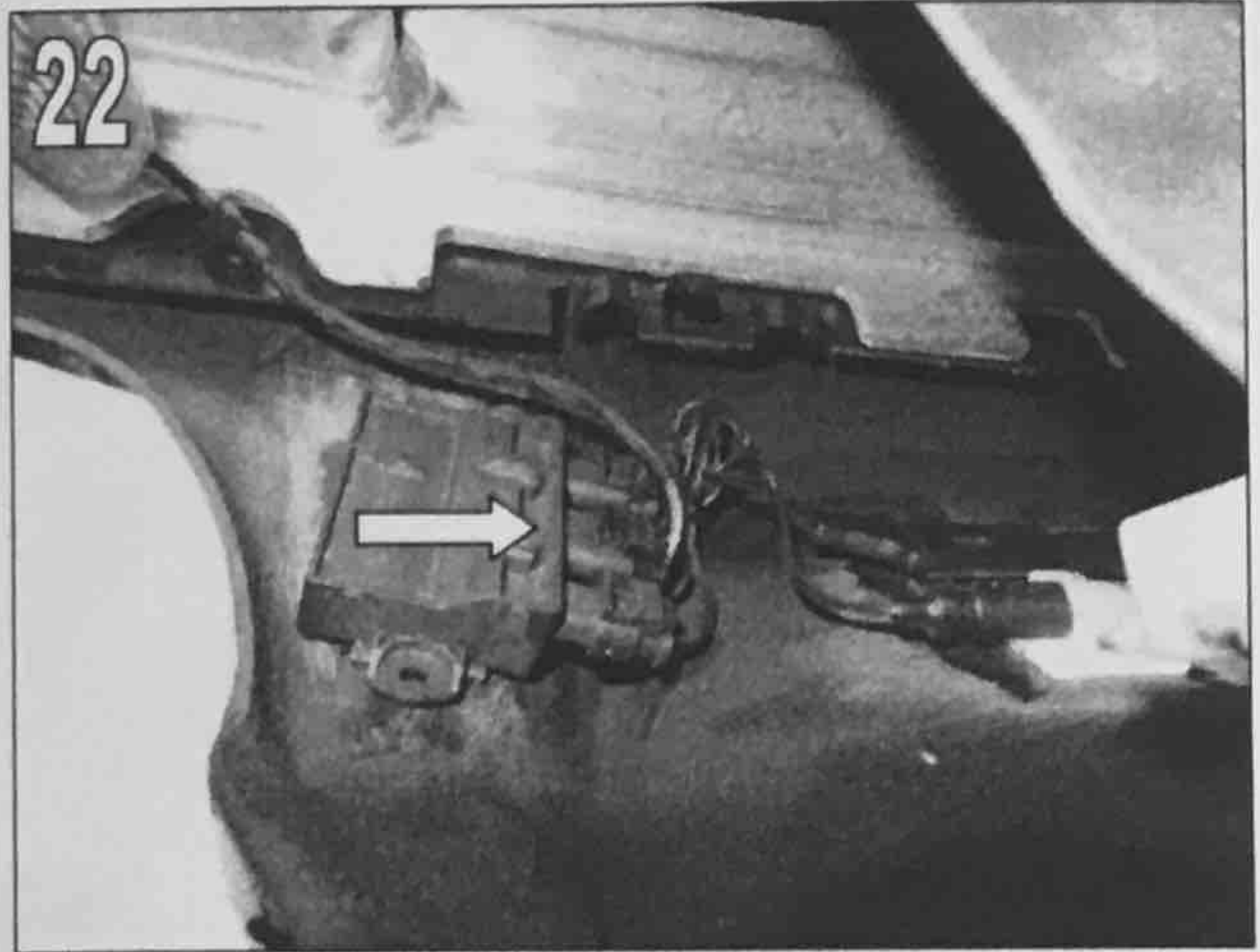


Fig. 23

Affix the AC Schnitzer sticker supplied in the recess provided.



Subject to errors, modifications
and technical development !

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Painting Instructions



Notes on Painting AC Schnitzer Components

Before painting, all AC Schnitzer bodystyling components must be checked for fit on the vehicle (e.g. contact surfaces/contours).

Any retouching work (e.g. sanding of contact surfaces/contours) must be carried out before painting!

The quality and durability of the paint on a component depends on the preparation and external influences, and cannot therefore be compared with that on any other body element.

To avoid distortion/deformation during working and drying, AC Schnitzer components should be placed on a corresponding jig.

Note!

The painting instructions of the paint manufacturer must be followed!

Painting Steps:

1. **Cleaning:** Plastic cleaner / silicone remover
2. **Tempering:** 30 min. **at max. 40° C object temperature**
3. **Inspection:** Edges and seams on surface (pores etc.), sand down if necessary
4. **Sanding:** 2K stopper P220 – P280 (dry), complete component P400 – P600 (dry)
5. **Masking off:** Contact surfaces, TÜV marking, rating plates
6. **Cleaning:** Silicone remover
7. **Filling:** 2K HS filler
8. **Drying:** 1 hour at **max. 40° C object temperature**, component should remain in drying cabinet overnight
9. **Removal:** Masking tape on rating plates, contact surfaces and TÜV marking
10. **Sanding:** P800 (dry)
11. **Cleaning:** Silicone remover
12. **Masking off:** Contact surfaces
13. **Painting:** Observe technical data and painting instructions from paint manufacturer
14. **Drying:** 1 hour at **max. 40° C object temperature**, component should remain in drying cabinet overnight

Painting Instructions Issue: 03/2017

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