

Original BMW Parts and Accessories.

Installation Instructions.



M Performance Carbon Exterior Components Retrofit Kit.

BMW X3 (G01)

BMW X3 M (F97)

BMW X4 (G02)

BMW X4 M (F98)

Retrofit kit number

51 71 2 466 810	Front right side panel carbon finisher
51 71 2 466 811	Front left side panel carbon finisher
51 19 2 464 329	Black high gloss throughflow rear spoiler
51 19 2 471 091	Black high gloss throughflow rear spoiler (including G01 black high gloss throughflow rear spoiler Part No. 51 19 2 464 329)
51 19 2 449 587	High gloss black tail fins left/right
51 71 9 628 252	Carbon front ornamental grille frame G01/02 LCI MPA/MSP*, F97/98 LCI
51 11 5 A28 F74	Carbon left air guide trim F97/98 LCI
51 11 5 A28 F75	Carbon right air guide trim F97/98 LCI
51 44 5 A36 8A6	Aramid antenna cover

(see EBA 01 29 5 A5C 9E3 for installation instructions)

* MPA = M Performance Automobile

* MSP = M Sport package

Installation time

Installation time, see table. This may vary depending on the condition of the vehicle and the equipment in it.

The installation time shown does not include any time spent on programming/coding.

The calculation of the total costs for the programming time must be factored into the calculation of retrofitting costs (must not be invoiced under the warranty).

Retrofit kit	Hours
Carbon front side panel finisher left/right	0.25
Black high gloss throughflow rear spoiler	0.25
High gloss black tail fins left/right	0.50
Carbon front ornamental grille frame	1.00

Important information

These installation instructions are primarily designed for use within the BMW dealership organisation and by authorised BMW service companies.

These installation instructions are intended for use by qualified specialist staff trained on BMW cars with the relevant expert knowledge.

All work must be completed using the latest BMW repair manuals, wiring diagrams, servicing manuals and work instructions, in a logical order, using the prescribed tools (special tools), and observing current health and safety regulations.

If you experience installation or functional problems, restrict troubleshooting to approx. 0.5 hours for mechanical work and 1.0 hour for electrical work.

To avoid unnecessary extra work and/or costs, please send an inquiry to the technical parts support team.

Quote the following information:

- VIN,
- retrofit kit part number,
- a detailed description of the problem,
- any work already carried out.

Please do not archive the printout of these installation instructions. The current version can be found in the EPC.

Pictograms



Denotes instructions that draw your attention to dangers.



Denotes instructions that draw your attention to special features.



Denotes the end of the instruction or other text.

Installation information

- All contact/bonding surfaces on the components being installed must be absolutely dry, clean, and free of wax, silicone and grease. These surfaces must be treated with a suitable BMW cleaner or BMW primer (see EPC for details), using the appropriate product application instructions.
- If you use adhesive tape, it must be applied using a contact pressure of between 10 N/cm² and 50 N/cm².
- Take care not to damage the parts when opening the packaging.
- Check that all the parts fit accurately on the car before fitting them.
- All the components and their bonding surfaces must be at room temperature for installation. The ideal relative humidity is 50 %. Different values will change the specified times.
- After completing the bonding and installation work, the car must remain stationary at room temperature for at least 12 hours.
- If adhesives are used, the car may be driven after 24 hours, and may be taken through a car wash after 48 hours. The car may only be driven at a speed of $v_{max} < 100$ km/h for a period of 24 to 48 hours.
- The installed parts may become loose and fly off the car if you fail to wait for the full reaction time of the primer/adhesive. Danger of accidents!
- Some of the installation steps are shown only on one side of the car. Proceed in the same way on the other side of the car.
- All illustrations show LHD (left-hand drive) cars; proceed similarly on RHD (right-hand drive) cars.



If an M Performance rear spoiler is to be installed, any rear spoiler already in place must be removed/dismantled as described in ISTA/AIR. ◀

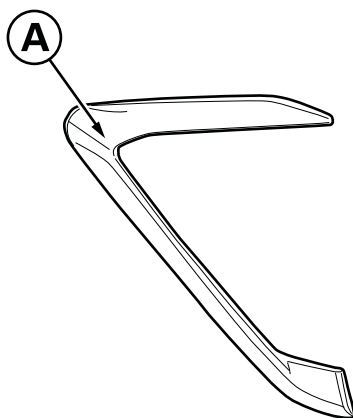
Special tools required

Finisher wedge (dismantling tool)

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1. Front carbon side panel finisher parts list

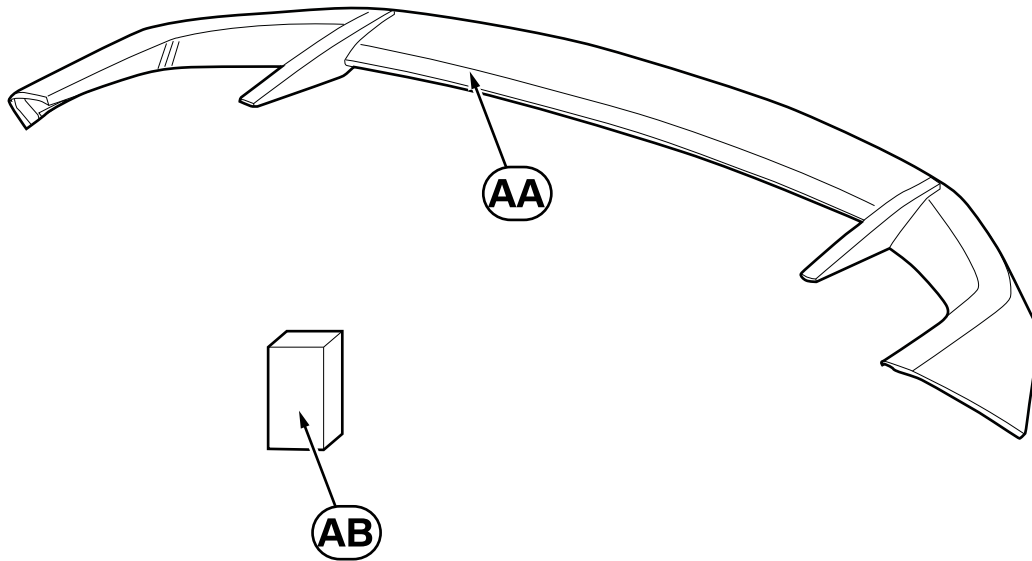


F97 0000 V

Legend

A Carbon front side panel finisher, left/right (left side shown)

2. Black high gloss throughflow rear spoiler parts list

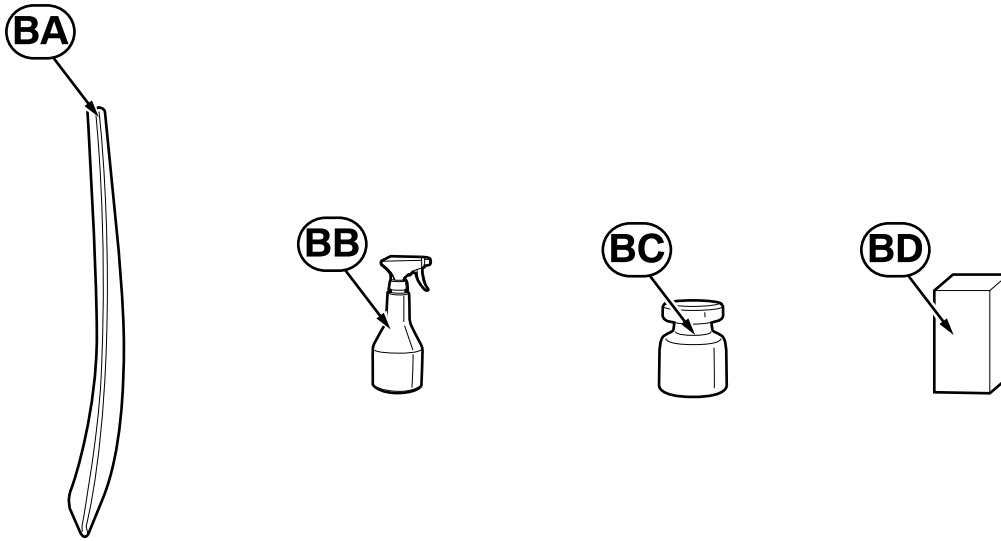


F97 0009 V

Legend

- AA** Black high gloss throughflow rear spoiler
- AB** Liquid adhesive (not included in kit, see EPC for details)

3. High gloss black tail fin parts list

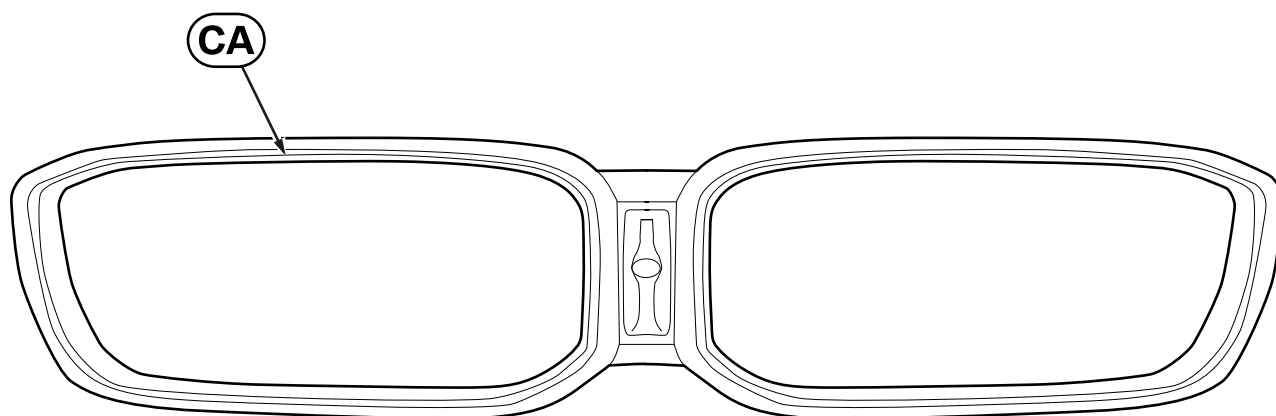


F97 0012 V

Legend

- BA** High gloss black tail fin (left/right)
- BB** Cleaner (not included in kit, see EPC for details)
- BC** Primer (not included in kit, see EPC for details)
- BD** Liquid adhesive (not included in kit, see EPC for details)

4. Carbon front ornamental grille frame parts list



G01 0045 V

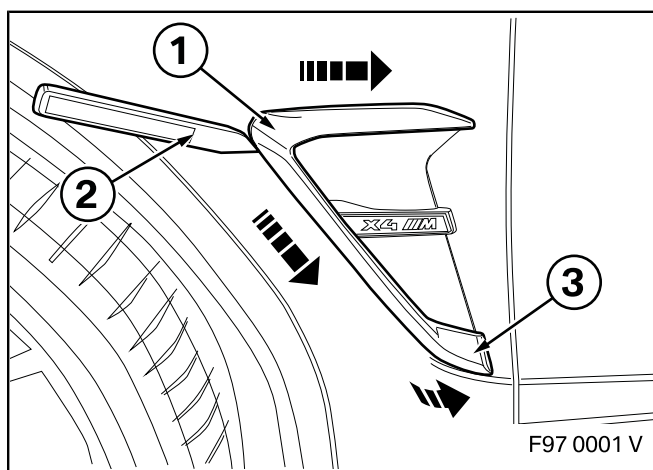
Legend

CA Carbon front ornamental grille frame

5. Preparatory work

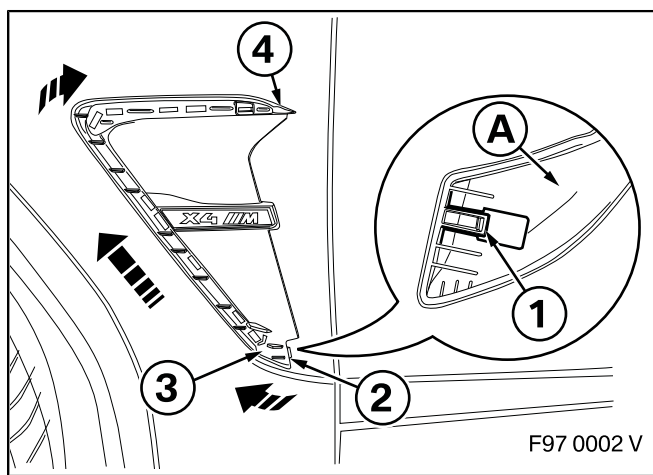
	ISTA/AIR No.
The following components must be removed first of all	
None	---

6. Front carbon side panel finisher installation



☐ The front side panel finisher consists of two parts. Only the outer part of the finisher may be unclipped. The inner part of the finisher is glued to the body. Its removal will cause damage. ◀

Unclip the outer part of the front side panel finisher (1) at its outer corner (1) using the finisher wedge (2) and continue in stages to the bottom end (3).

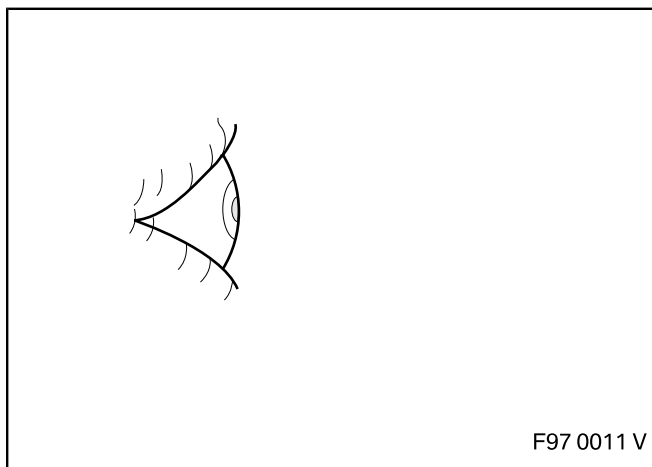


☐ The guide (1) on the inside of the carbon front side panel finisher **A** must engage under the hook (2). ◀

Position the carbon front side panel finisher **A** on the bottom end (3) so that the guide (1) engages in the in the nose (2).

Then clip in the carbon front side panel finisher **A** upwards up to the top end (4).

7. Black high gloss throughflow rear spoiler installation



▶ For G01 cars

The black high gloss throughflow rear spoiler **AA** can be installed straight onto the car.

In addition, the **G02** front air guide (Part No. 51 11 8 090 920) must be installed as described in **ISTA/AIR**. ◀

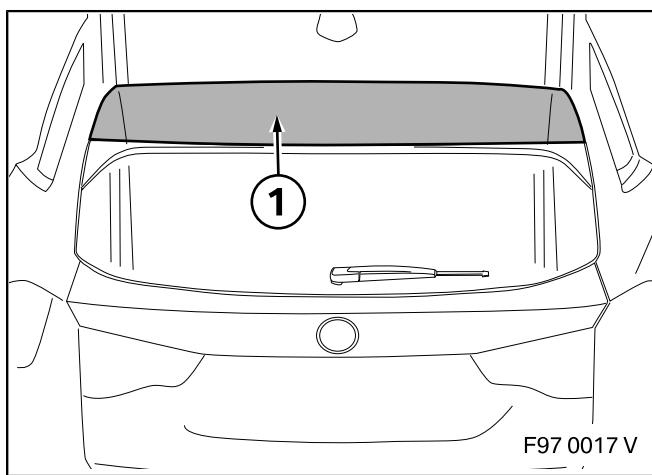
▶ For F97 cars

First of all, the roof edge spoiler must be removed as described in **ISTA/AIR** and then the **G01** roof edge spoiler (Part No. 51 24 8 499 859) installed as described in **ISTA/AIR**. ◀

For all cars

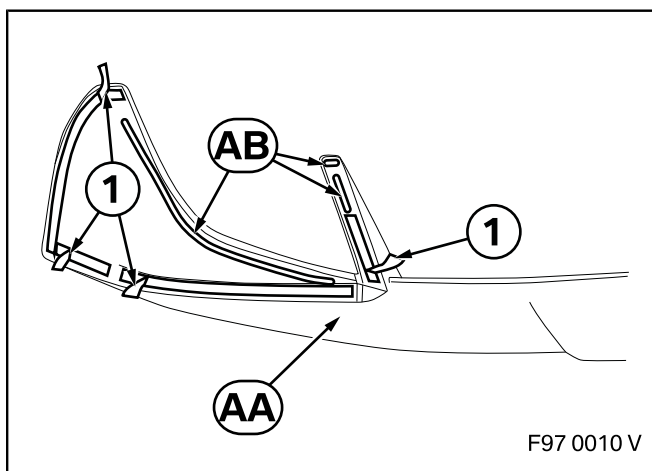
▶ The bonding surface (1) must be completely clean, dry and free from grease. ◀

Clean the bonding surface (1) on the car using suitable products.

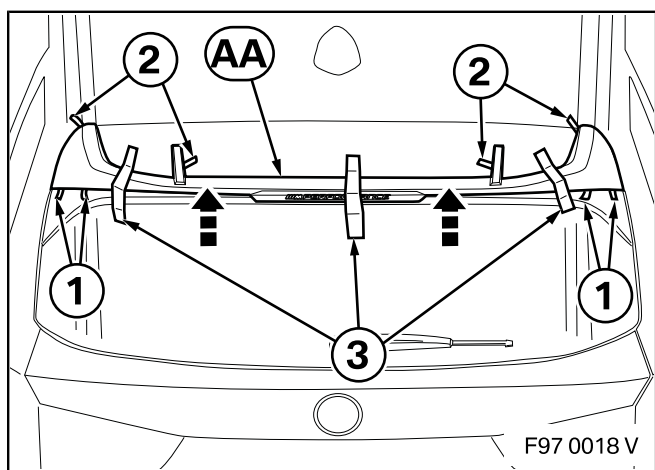


▶ The bonding surface must be completely clean, dry and free from grease. ◀

Clean the bonding surfaces of **AB**. Peel back the ends of the backing film on the adhesive tapes (1). Apply the liquid adhesive **AB** as shown on the underside of the black high gloss throughflow rear spoiler **AA** on both sides.



7. Black high gloss throughflow rear spoiler installation



▶ The ends of the backing films (1) and (2) must be visible. ◀

Guide the black high gloss throughflow rear spoiler **AA** from the rear on to the car so that the liquid adhesive applied to it does not yet touch the car. Once it reaches its final position, lower the black high gloss throughflow rear spoiler **AA** and press it firmly onto the boot lid.

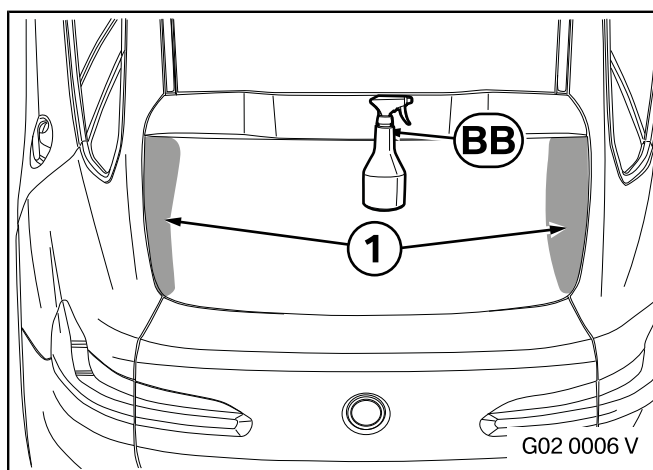
First start with the rear adhesive tapes (1). Completely remove the backing films (1) from the adhesive tapes and apply pressure to them. Then completely remove the backing film (2) from the adhesive tapes and apply pressure to them.

Then fix in multiple positions using suitable adhesive tape (3).

▶ Remove any excess liquid adhesive immediately using suitable equipment.

Refer to the installation instructions on page 2. ◀

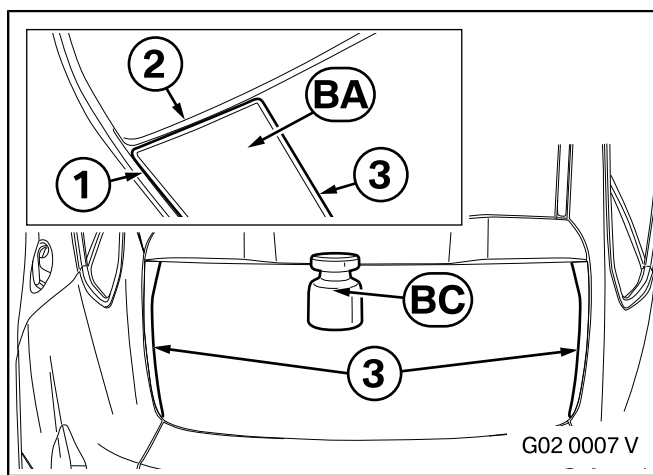
8. High gloss black tail fin installation



▶ The areas being bonded must be completely dry, clean and free from wax or grease. ◀

Clean the bonding surfaces (1) with the cleaner **BB**.

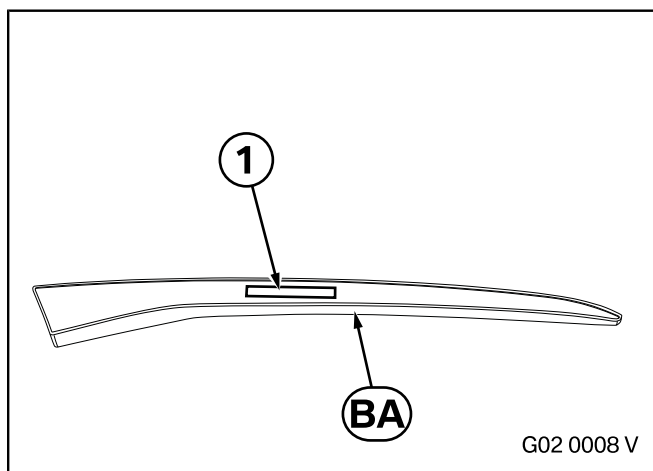
▶ Wait for the flash-off time of **5 minutes**. ◀



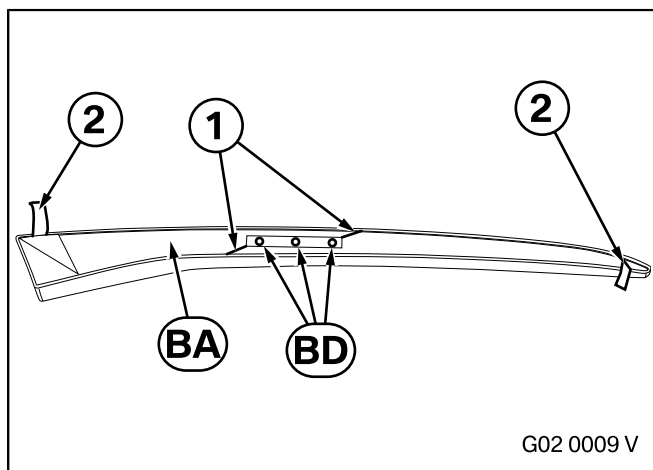
Position the black high gloss tail fins **BA** on the glass, aligning the outer contour (1) flush with the window and the upper contour approx. 2 mm below the refractory edge of the roof spoiler (2). Use a suitable water-soluble pen to mark the contour (3) on the window.

Only apply the primer **BC** inside the contour (3).

▶ Note the ventilation time of **10 minutes**. ◀



Abrade and clean the area (1) of the black high gloss tail fins **BA** using suitable products.

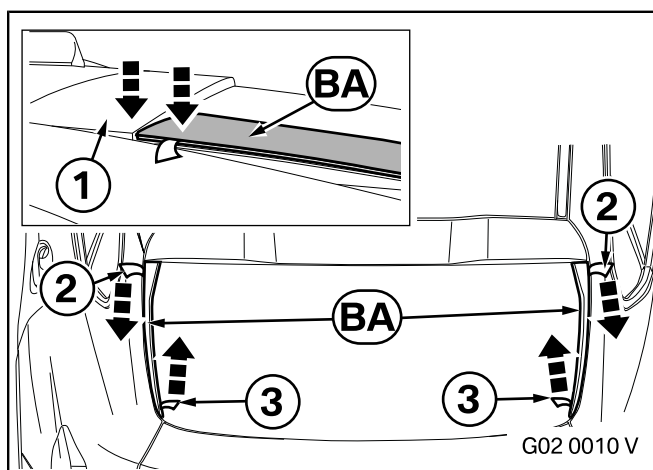


▶ The adhesive tape must not be adversely affected by the liquid adhesive **BD**. ◀

Cut the film (1) as shown using suitable equipment. Then apply the liquid adhesive **BD** in dots as shown.

Pull the two ends of the backing film (2) on the adhesive tape of black high gloss tail fin **BA** far apart enough to allow small tabs to form.

8. High gloss black tail fin installation



▶ During the positioning process, ensure that you achieve a flush transition between the roof spoiler (1) and black high gloss tail fins **BA**. Any overhang may cause wind noise.

During the bonding process, ensure that all tabs (2) and (3) on the adhesive backing film are visible.

Check the pull direction of the tabs (2) and (3).

Remove any excess liquid adhesive immediately. ◀

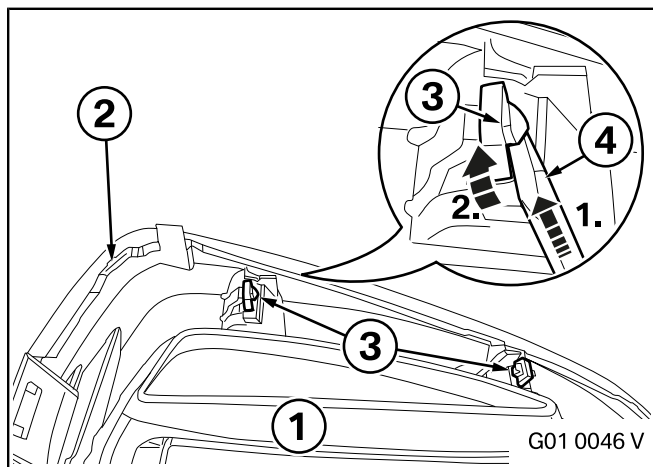
Position and align the black high gloss tail fins **BA** using the marks you made previously on the glass and press them into place.

Start by removing the tab (2) at the top, pulling it outwards. Then position the bottom section of the black high gloss tail fin **BA** and remove the tab (3) by pulling it inwards.

Press the black high gloss tail fins **BA repeatedly and firmly** into place.

▶ Refer to the installation instructions on page 2. ◀

9. Carbon front ornamental grille frame installation



Remove the standard front ornamental grille as described in **ISTA/AIR**.

To make the remaining dismantling work easier, we recommend that you heat the assembly with a hot air blower.

The internal grille (1) must be removed from the standard trim (2).

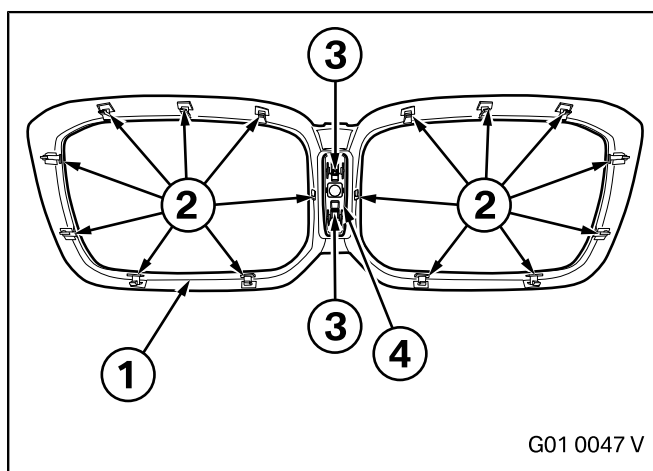
Start at the outside of the assembly. ◀

Unclip the detents (3) on the outside of the assembly using suitable tools (such as a screwdriver or installation wedge). To do so, insert the tool (4) sideways under the detent (3) and lever open the detent (3) towards the rear until it is released downwards.

The standard trim (1) is shown without the interior grille to make it clearer. ◀

Release all the clips (2) as described above, working from outside to inside. Finally, release the two inner clips (3) and take the internal grille (not shown) off the standard trim (1). Also unclip the trim (4) in the centre.

Then clip the internal grille you have removed and the trim (4) to the carbon front ornamental grille frame **CA** in reverse order. Install the assembly on the car as described in **ISTA/AIR**.



10. Concluding work and coding

The retrofit system does not require programming/coding.

- None