

Original BMW Accessories.

Installation Instructions.



Aerodynamic Package Retrofit

BMW 3 Series Coupé (E92)

BMW 3 Series Convertible (E93)

Retrofit kit no.:	51 19 0 416 910	Aerodynamic package, standard, all colours
	51 19 0 416 905	Aerodynamic package, standard, primed
	51 19 0 416 911	Aerodynamic package with PDC, all colours
	51 19 0 416 906	Aerodynamic package with PDC, primed
	51 19 0 416 912	Aerodynamic package with ACC, standard, all colours
	51 19 0 416 907	Aerodynamic package with ACC, standard, primed
	51 19 0 416 909	Aerodynamic package with ACC and PDC, all colours
	51 19 0 416 908	Aerodynamic package with ACC and PDC, primed
	51 19 0 417 591	Aerodynamic package, standard, all colours, turbo
	51 19 0 417 557	Aerodynamic package, standard, turbo, primed
	51 19 0 417 592	Aerodynamic package with PDC, all colours, turbo
	51 19 0 417 587	Aerodynamic package with PDC, turbo, primed
	51 19 0 417 593	Aerodynamic package with ACC, standard, all colours, turbo
	51 19 0 417 588	Aerodynamic package with ACC, standard, turbo, primed
	51 19 0 417 590	Aerodynamic package with ACC and PDC, all colours, turbo
	51 19 0 417 589	Aerodynamic package with ACC and PDC, turbo, primed

Installation time

The installation time is approximately 1.0 hour, but may vary depending on the condition of the car and the equipment in it.

Important information

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

In any event, the target group for these installation instructions is specialist personnel trained on BMW cars with the appropriate specialist knowledge.

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

If any installation or function problems occur, limit the troubleshooting session to approx. 0.5 hours for mechanical work or 1.0 hour for electrical work.

To avoid unnecessary extra work and/or costs, send a request immediately to Technical Support via the Aftersales Assistance Portal (ASAP).

At the same time, provide the following information:

- vehicle identification number,
- part number of the retrofit kit,
- precise description of the problem,
- operations already performed.

Do not archive the hard copy of these installation instructions since daily updates are made by ASAP!
All pictures show LHD cars; proceed accordingly on RHD cars.

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

It is important to check that all attachment parts fit the vehicle before painting.

Clean gluing surfaces with Betaclean 3350 and ensure that they are free of grease.

When gluing, the ambient temperature may not fall below 18 °C or rise above 35 °C.

The vehicle is operational after approximately **six hours** and can be taken through a car wash after **48 hours**.

Painting instructions

Primed parts must be pretreated accordingly.

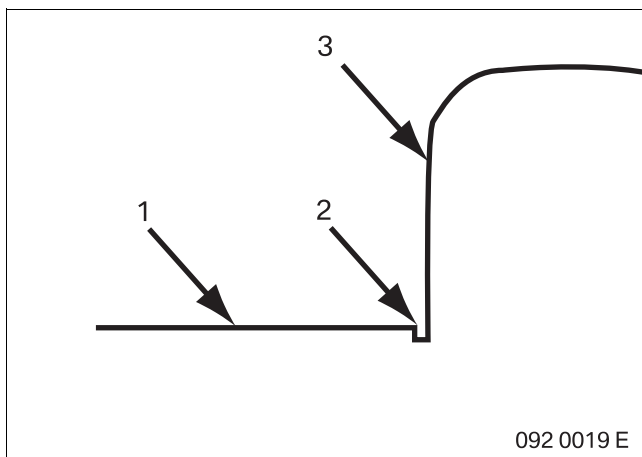
When painting, comply with the BMW painting instructions.

The honeycomb grille of the rear bumper must be completely masked, up to and over the edge, before painting.

Areas of the bumper that are covered by the fitted exhaust pipe finisher do not need to be painted, and thus can also be masked together with the grille.

Legend:

- 1. Honeycomb grille
- 2. Edge
- 3. Area to be painted



Notes on ordering

Adhesive kit: Betalink K1

BMW part number: 82 69 9 408 866

Front attachment **A/B**, rear bumper **C** and exhaust cover **D/E** can be individually ordered as primed in the event of replacement (for part number and designation, see EPC).

Optional extras

SA 235	Car Tow Hitch AHK (with removable ball head)
SA 3AC	Car Tow Hitch AHK (swivelling)
SA 507/508	Park Distance Control PDC
SA 541	Active Cruise Control ACC

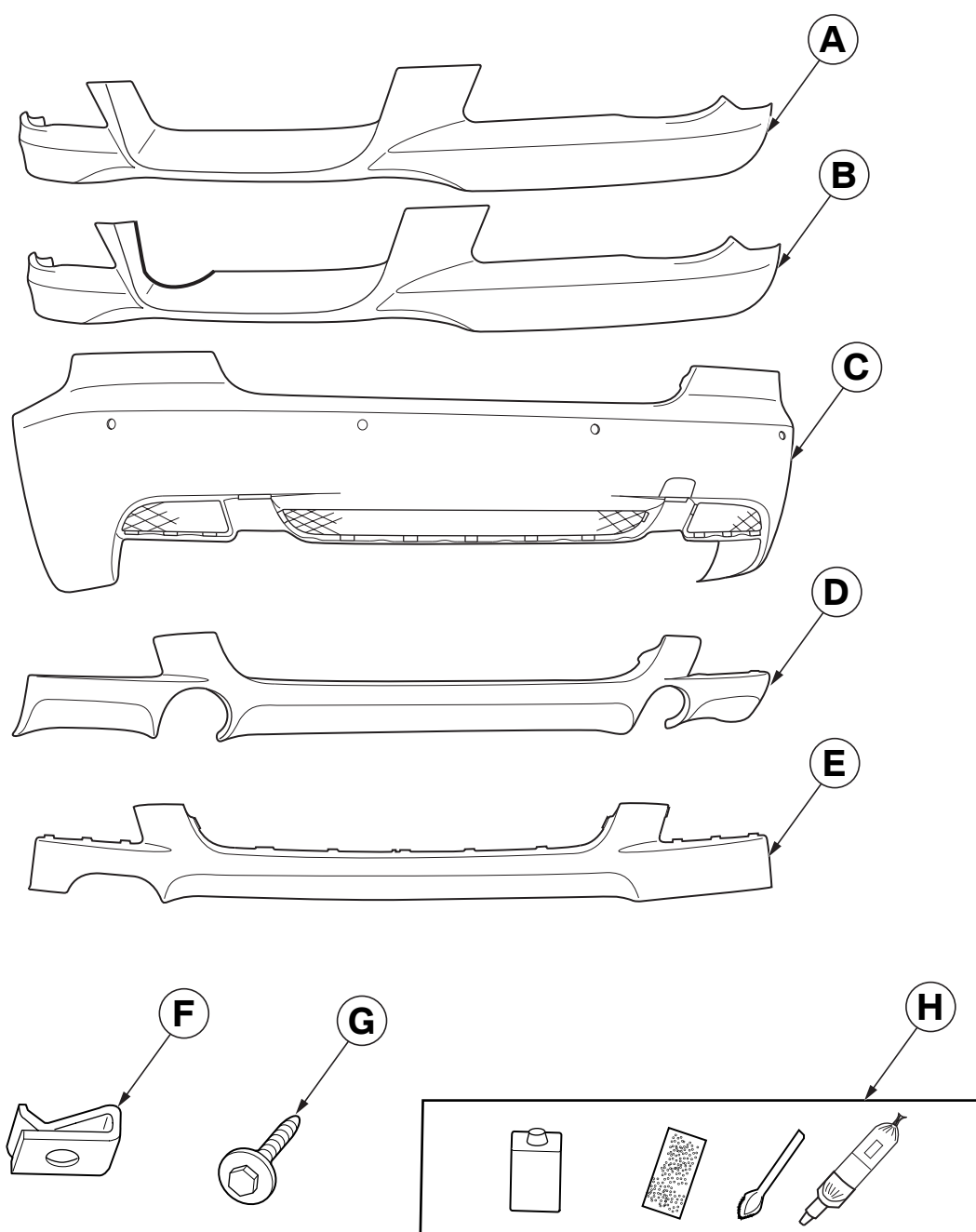
Special tools required

None

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1. Parts overview



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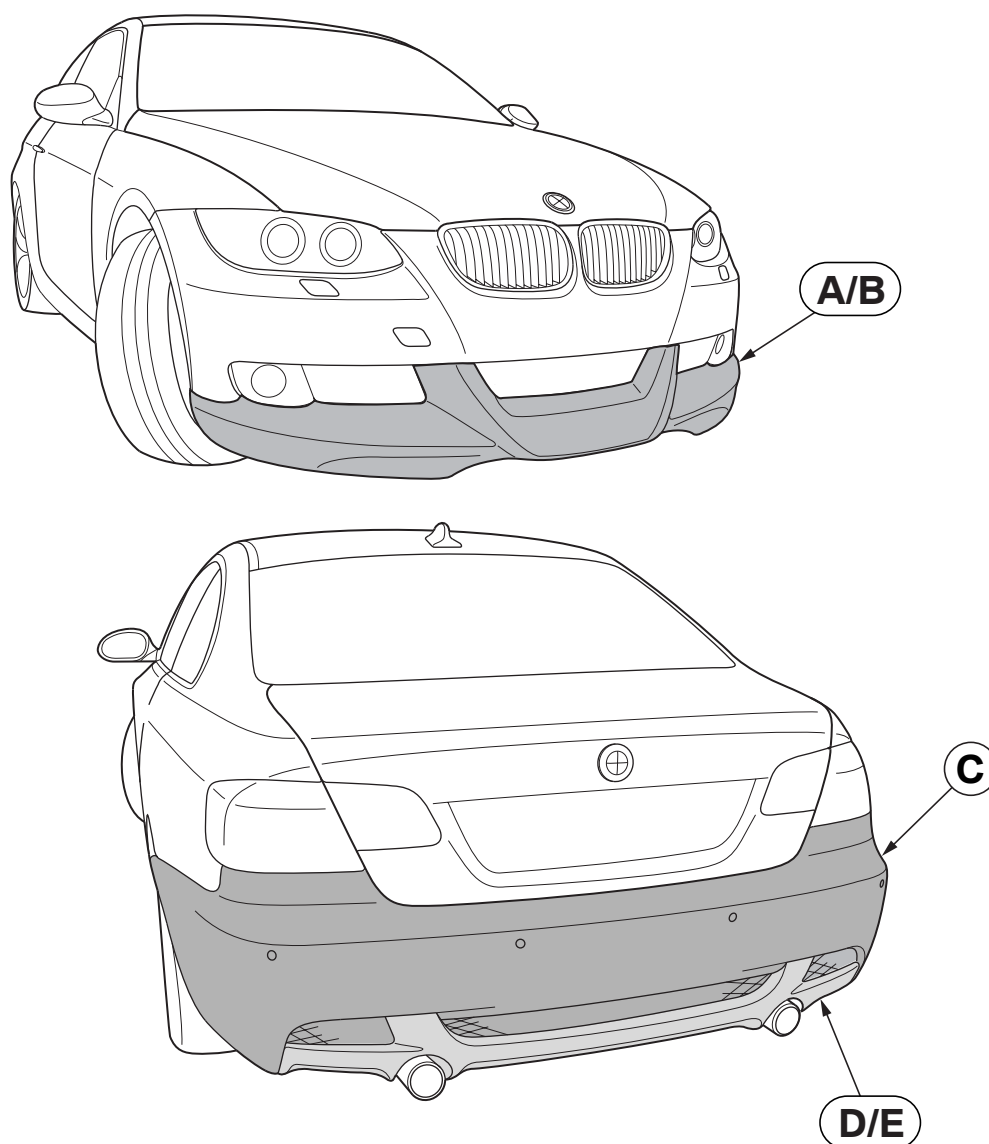
Legend

- | | |
|---|--|
| A Front attachment (1 each) | E Exhaust cover (1 each) (4/6 cylinder) |
| B Front attachment (1 each) with SA 541 | F Sheet nut (2 each) |
| C Rear bumper (1 each) | G Bolt (7 each) |
| D Exhaust cover (1 each) (Turbo) | H Betalink K1 adhesive kit (1 each) |

2. Preparatory work

	TIS No.
Dismantle the following components in advance	
Rear bumper	51 12 000
For cars with SA 507/SA 508 (PDC)	
PDC sensors at the rear	66 20 520

3. Installation diagram



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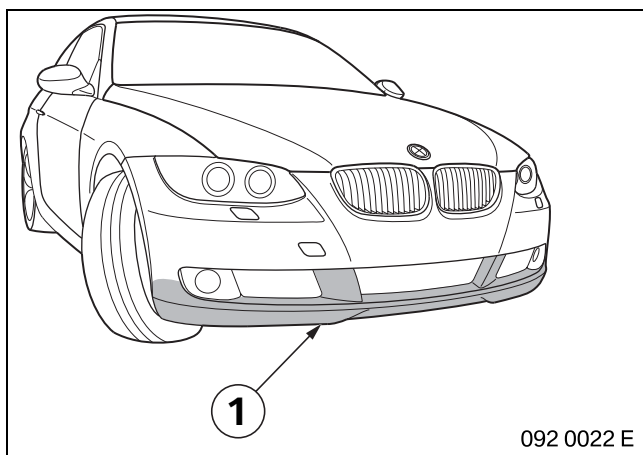
Legend

A/B Front attachment

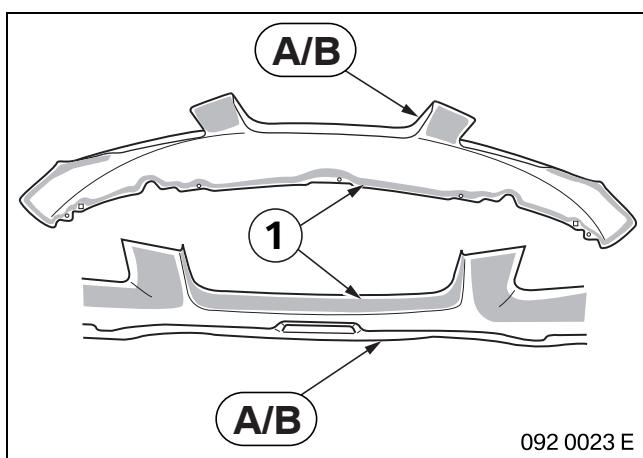
C Rear bumper

D/E Exhaust cover

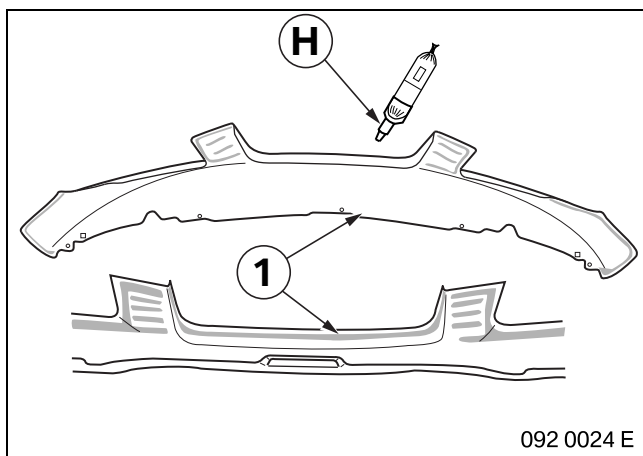
4. Fitting front attachment



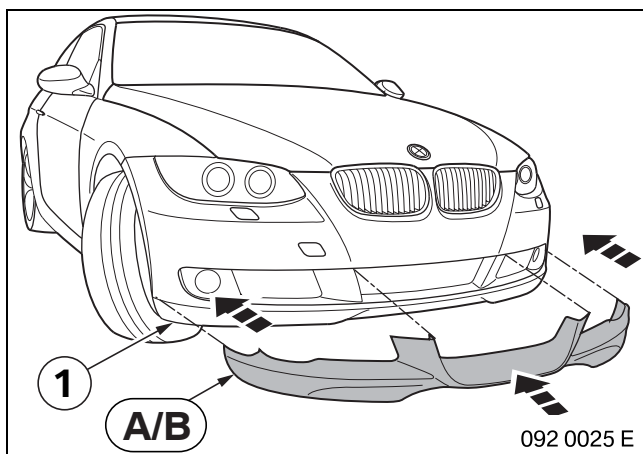
Clean the gluing surface (1) extensively with Betaclean.



Roughen the gluing surfaces (1) **on the inside** of the front attachment **A/B** with the sandpaper provided in the adhesive kit and then clean with Betaclean.

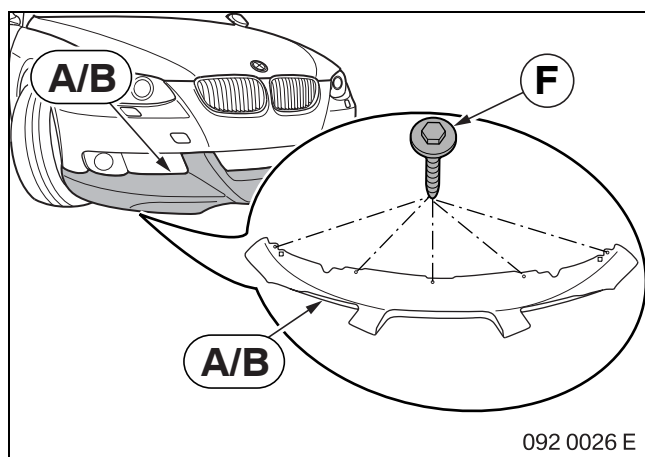


Apply adhesive **H** evenly to the gluing surfaces (1) **on the inside**.

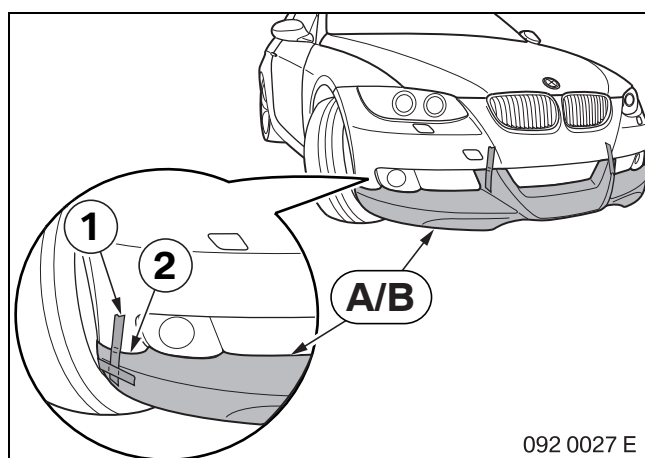


Carefully place front attachment **A/B** onto the bumper (1) and position exactly.

4. Fitting front attachment



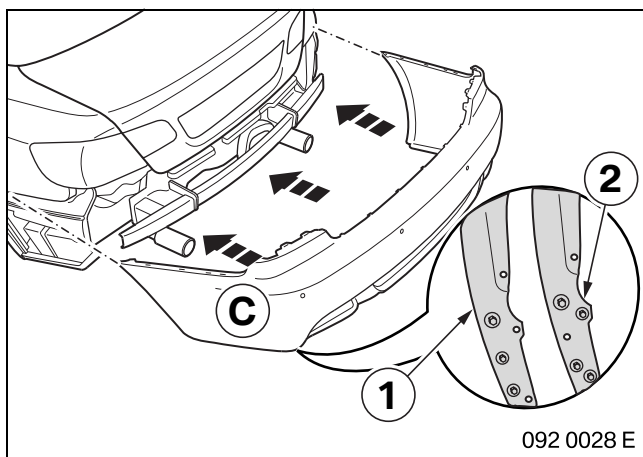
Affix front attachment **A/B** at five screw fastening points with bolts **F**.



Press all over the surface of front attachment **A/B** and secure in place with tape (1).

Remove any excess glue at the edges (2) with spatula and Betaclean.

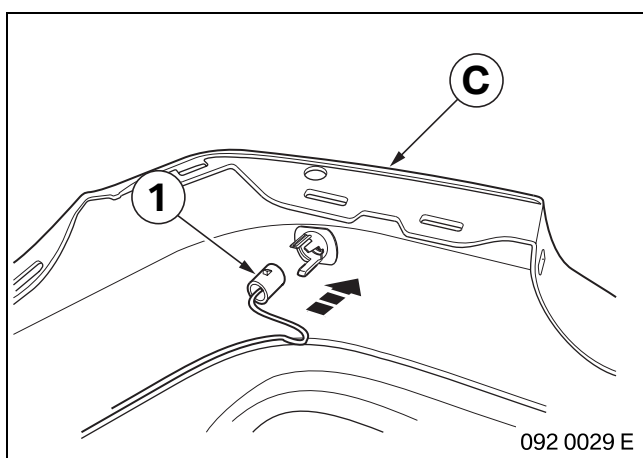
5. Fitting rear bumper



Mount rear bumper **C** on the car according to TIS.

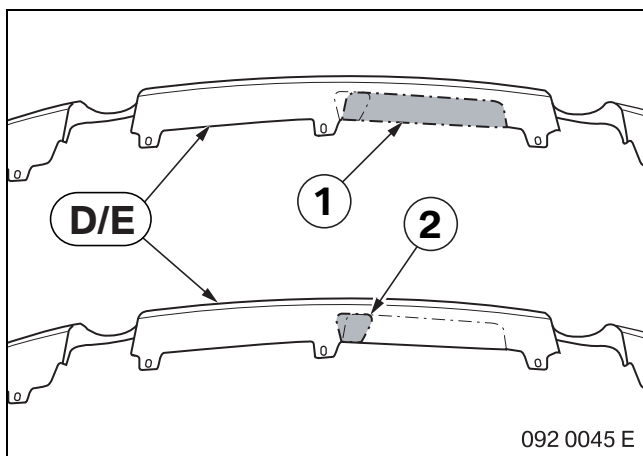
In 4/6 cylinder vehicles, bumper **C** is affixed with 3 bolts (1).

In turbo vehicles, bumper **C** is affixed with 4 bolts (2).



Only for vehicles with SA 507/SA 508 (PDC).

Clip PDC sensors (1) into rear bumper **C** according to TIS.

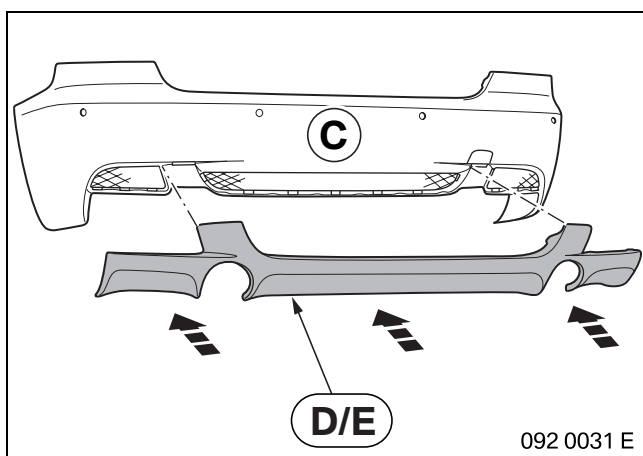


Only swivelling for vehicles with SA 3AC (AHK).

Trim exhaust cover **D/E** according to the marking (1).

Only with removable ball head for vehicles with SA 235 (AHK).

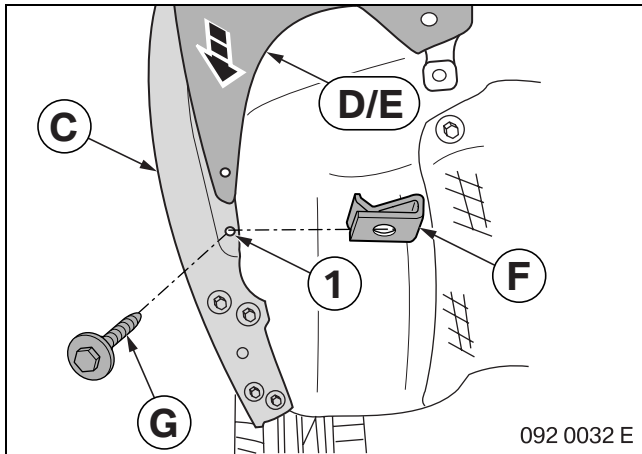
Trim exhaust cover **D/E** according to the marking (2).



For all vehicles.

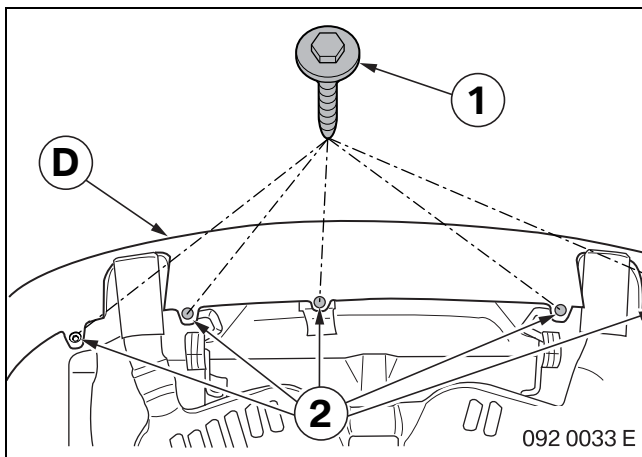
Place exhaust cover **D/E** onto the bumper **C** just mounted on the vehicle.

5. Fitting rear bumper



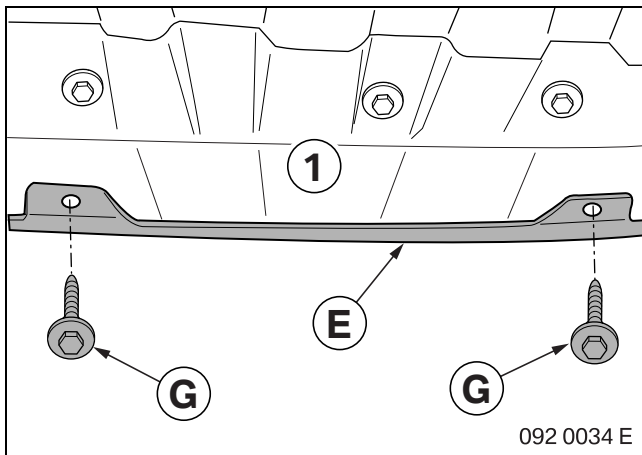
In order to fit exhaust cover **D/E**, place sheet nut **F** on bumper **C** and affix with bolts **G**.

Fit right side in the same way.



Only for turbo vehicles.

Affix exhaust cover **D** with series-produced bolts (1) at the attachment points provided (2).



Only for 4/6 cylinder vehicles.

Affix exhaust cover **E** in the central area with 2 bolts **G**. These are bolted through the underside panelling (1).