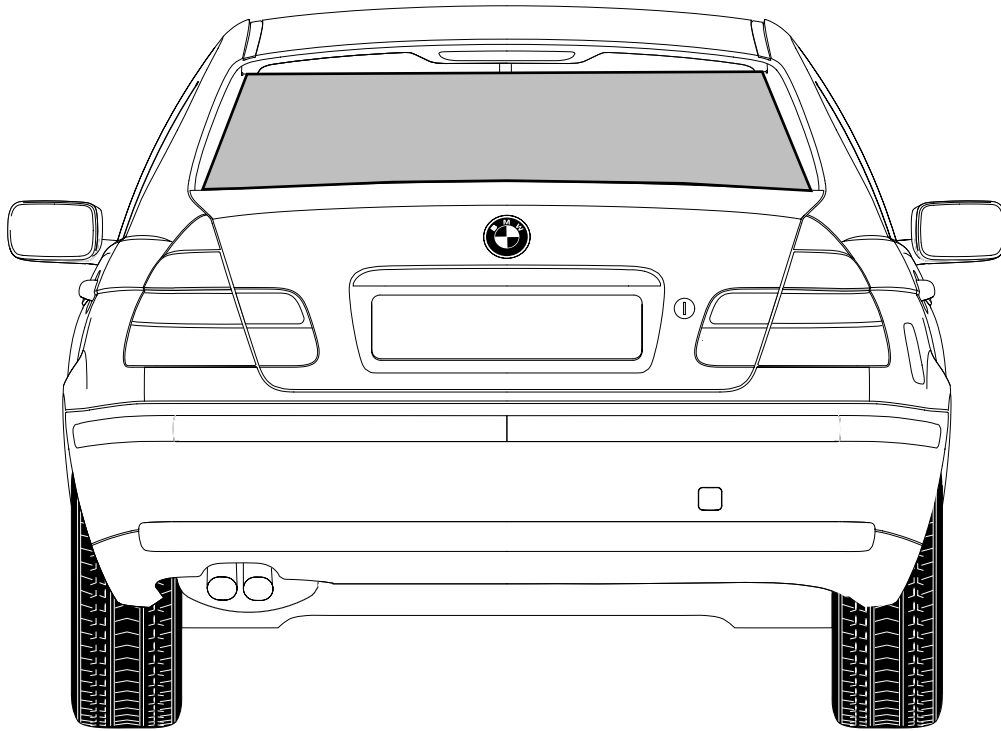




Teile und Zubehör - Einbauanleitung



F 46 0271 EVA

BMW Parts and Accessories – Installation Instruction

Sun blind, manual

BMW 3 Series Coupé (E46/2)

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1 Important information

(Only for use within the BMW dealer organisation.)

Installation time for the manual sun blind approx. 2 hours.

The installation time may differ depending on the condition of the car and the equipment in it.

Target group

The target group for these fitting instructions is staff who have been trained on BMW cars.

Work

All servicing, repair, installation and adjustment work on cars is conducted on your own responsibility.

All work is to be completed using the latest BMW

- Repair instructions, - Work instructions,
- Circuit diagrams, - Diagnostics manuals
- Service manuals,

in a rational sequence using the prescribed tools (special tools) and pursuant to the relevant health and safety regulations.

Installation instructions



Keep to the tightening torque values for screw connections. The required tightening torque values are listed in the parts information system (TIS). ◀

Tools and equipment required

- Straight slot screwdriver
- Philips screwdriver
- Wrench sockets, sizes 7, 8 and 10 mm
- TX 20 Torx wrench
- TX 50 Torx wrench
- 1/2 inch reversible ratchet
- 1/4 inch reversible ratchet
- Drill and 4.5 mm twist bit
- Flat pliers
- Hammer
- Angle bracket

11 Parts overview

Item	Description	Quantity
a	Manual sun blind	1
b	Holder, right	1
c	Holder, left	1
d	Hexagonal bolt, M4x16	3
e	Hexagonal nut, M4	3
f	Washer	3
g	Press-stud	4
h	Cover cap, right	1
i	Cover cap, left	1
j	Installation instructions	1

2. To retrofit the manual sun blind

Notes

Refer to the safety instructions in section 1.

The accessory installation work is based on the general workshop information.

21 Preparation

Remove the speakers and speaker shells from the rear window shelf.

Remove the rear seat.

Remove the split rear backrests.

2.2 To install the sun blind

Fold out folded page 2-25

A

Press in the pin (1) in the direction indicated by the arrow until the expanding rivet (2) can be taken out of the trim (3). Remove the side cover cap (4) from the trim (3) (see magnified section) and take the trim (3) out of the car. The procedure is the same for the left-hand side of the car.

B

Undo the connector (5) (see magnified section). Insert an angle bracket behind the side section of the backrest (6) and press on the spring for the fastening clip (7) (see magnified section) using this angle bracket in the direction indicated by the arrow. At the same time pull the side section of the backrest (6) carefully in the direction indicated by arrow I, to release the fastening clip (7) from the body recess (8). Then pull the side section of the backrest (6) in the direction indicated by arrow II out of the fastening rail and take it out of the car. The procedure is the same for the left-hand side of the car.

C

Undo the Torx bolts (9) on the seat belt mounting (see magnified section).

D

Raise the press-studs (10) for securing the rear window shelf using a straight slot screwdriver whilst at the same time levering them out with a pair of flat pliers.



Ensure that the cover on the rear window shelf is not damaged as you lever out the press-studs (10). Since it is not possible to avoid damaging the press-studs (10) themselves during this process, they are to be replaced with the new press-studs provided in the parts kit. ◀

Remove the trim (11) on the cross member.

E

Carefully lever the rear light (12) out of the C pillar trim (13) and then disconnect the plug connector to the rear light (12). Then undo the Torx bolt (14) (see magnified section), pull the C pillar trim (13) off the C pillar in the direction indicated by the arrow and then take it out of the car. The procedure is the same for the left-hand side of the car.

F

Carefully raise the rear window shelf (15) and pull the springs (16) for the headrest catch mechanism out of the headrest mountings (17) using a pair of flat pliers (see magnified section). Then pull the headrests (18) out of the headrest mountings (17) in the direction indicated by the arrow and take them out of the car.

G

Lever the trim (19) for the belt aperture out of the rear window shelf (20) and thread it with the seat belt (21) through the recess in the rear window shelf (20). The procedure is the same for the left-hand side of the car.

H

Carefully raise the rear window shelf (22) whilst at the same time pulling it out in the direction indicated by the arrow and take it out of the car.

I

Mark the underside of the rear window shelf with the specified dimensions.

The reference line for dimension z is the outside edge (dotted line) of the embossed area (23) (see magnified section).

The reference line for dimensions x and y is the inside edge (dotted line) of the C pillar trim (24) (see magnified section).

x = 132 mm

y = 568 mm

z = 27 mm

After marking the points, drill the holes in the rear window shelf using a 4.5 mm twist bit.



Ensure that the holes are drilled precisely at the specified points to ensure that the sun blind will be have an excellent fit on the rear window shelf. ◀

J

Keep to the following sequence of work to fit the sun blind (a) on to the rear window shelf.

1. Insert the hexagonal bolts (d) into the mounting rail (25) of the sun blind (a) (see magnified section).
2. Position the right-hand cover cap (h) on the mounting rail (25) (see magnified section).
The procedure is the same for the left-hand side of the car.
3. Place the sun blind (a) on to the rear window shelf and press the hexagonal bolts (d) into the holes at the same time (see magnified section).
4. Then secure the sun blind (a) to the rear window shelf as shown in the magnified section using the washers (f) and the hexagonal nuts (e).

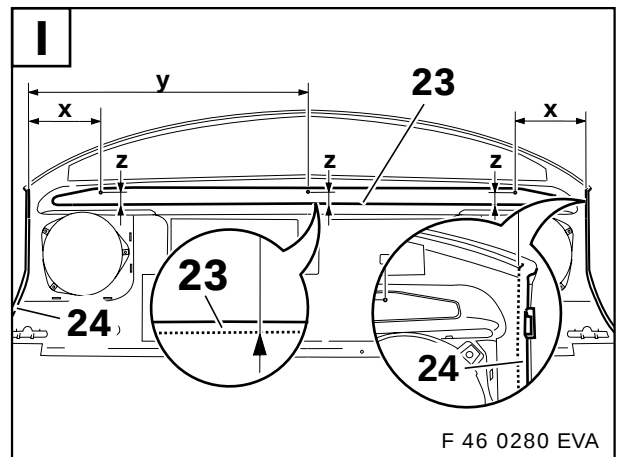
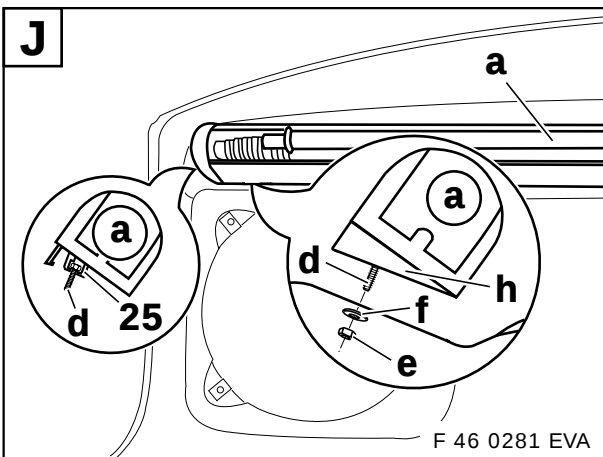
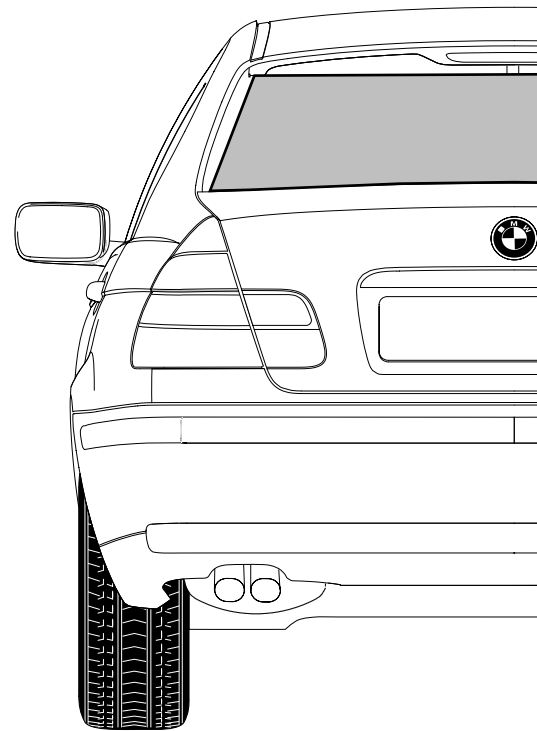
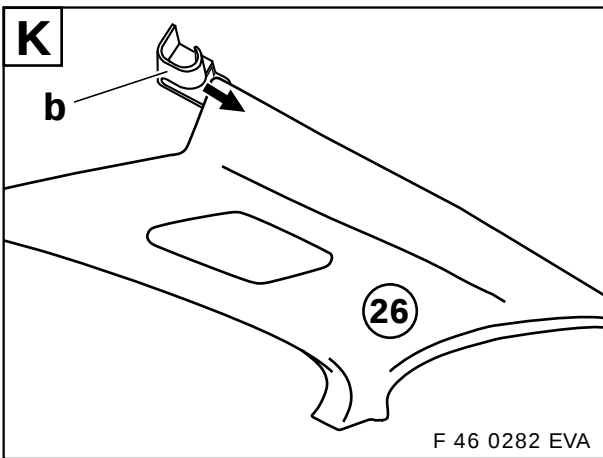
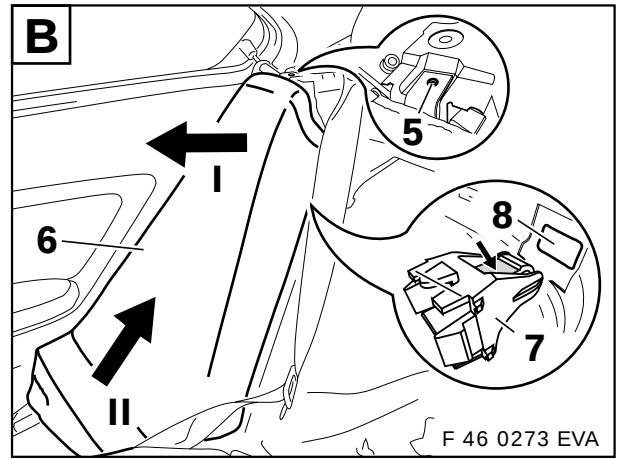
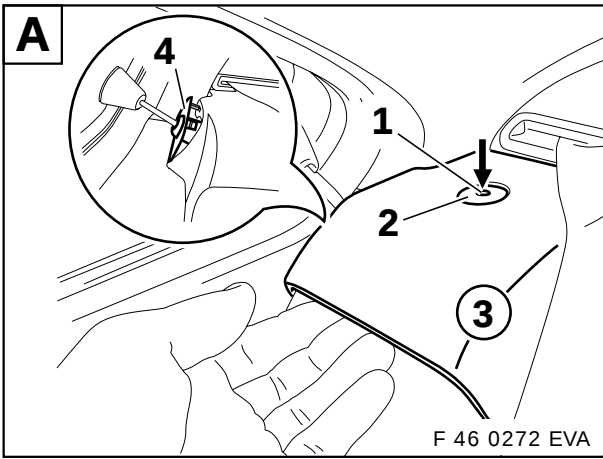
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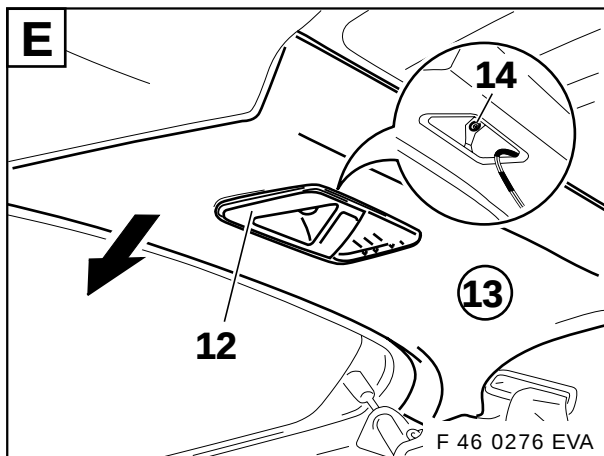
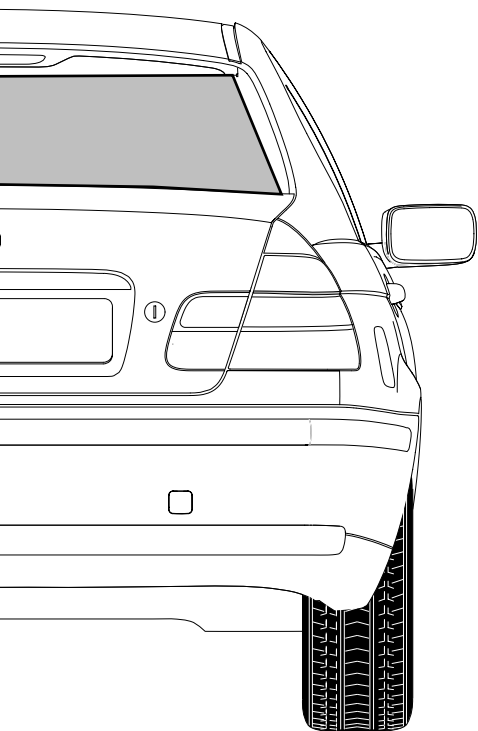
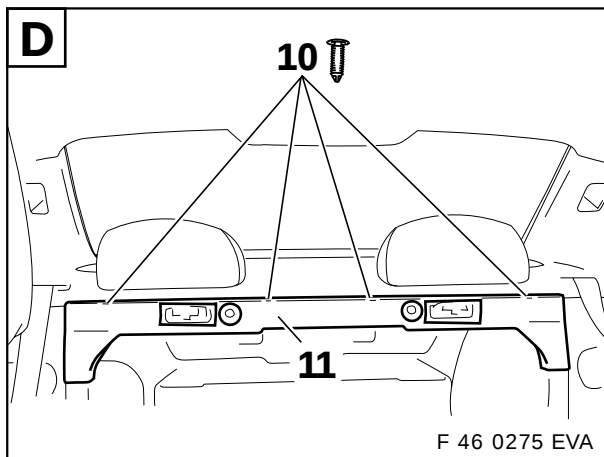
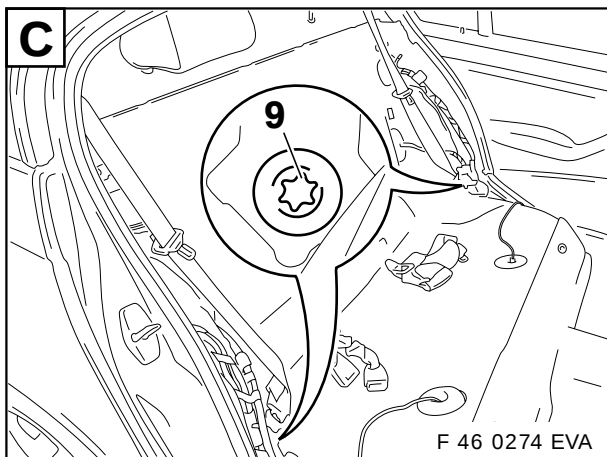
Place the holder (b) on the C pillar trim (26) in the direction indicated by the arrow.

The procedure is the same for the left-hand side of the car.

Conduct a function test.

Assemble the car by replacing all the parts you removed, but in reverse order.





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