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A. Information on the product

- 1. Manufacturer: REMIS GmbH
Mathias-Brüggen-Strasse 67-69
50829 Cologne, Germany
- 2. Name and type: REMIfront T5 - driver's cab black-out VW T5
- 3. Construction stage,
date of construction: see sticker
- 4. Field of application: Motorhomes based on VW T5 with entry handles installed on both sides of the A-pillars (the entry handles must be purchased additionally if not already installed!) and for vehicles without an airbag in the A-pillar or above the doors.
- 5. Installation: see B. (Information on assembly)
- 6. Functional description: see C. (Information on operation)
- 7. Design variants: Vertical black-out system divided into 2 parts for the front windscreen.
High degree of darkening through the use of an almost fully opaque pleated blackout blind.
- 8. Warning notice: Closing off the blackout is only permitted when the vehicle is stationary and the engine has been switched off.
Before departure, the system must be completely folded up and locked away. Please be aware that the handle bars can heat up when exposed to strong sunlight for a prolonged period. The system is not intended to darken the vehicle over an extended period (e.g. overwintering). The folding behaviour of the pleated material may deteriorate temporarily depending on the temperature.

B. Information on assembly

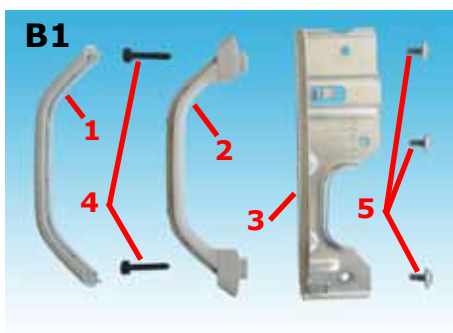
Important notice!

First read through this information carefully. This system is not suitable for vehicles with airbags in the A-pillars or above the doors! Installation should only be carried out with both entry handles. For vehicles with a handle installed on one side on the A-pillar, it is imperative that you install the second handle and fastening!

We recommend that the installation of the blackout system is carried out by a specialist workshop! We assume no liability or warranty for improper installation.

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Step 1: (Check the vehicle's equipment)



B1:

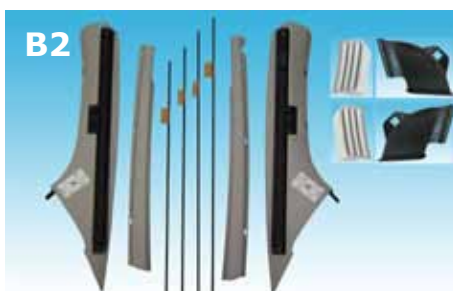
Attention: The item is not included in the scope of delivery and must be purchased separately as required! An entry handle must be available on each side of the A-pillar in order to install the blackout system in the vehicle:

1 x angle bracket on the left (3)
1 x angle bracket on the right (3)

1 x hand-grip on the left (2)
1 x hand-grip on the right (2)

2 x cover caps (1)
4 x hexagon socket oval head screws M6 x 35 (4)
6 x hexagon socket flat-head screws M6 x 12 (5)

Step 2: (Check the scope of delivery)



B2:

Front system:

Panelling A-pillar FS & BFS

Upper guide pipe FS (660 mm) & BFS (715 mm)

Lower guide pipe FS (742 mm) & BFS (822 mm)

Fascia panel above FS & BFS

2 x ventilation ducts (left and right)

2 x air inlet screens (left and right)



B3:

Accessories for the front system:

1 bracket pipe

1 self-adhesive foam strip 450 x 10 x 10

2 screws SK4.2 x 13

6 wall plugs

2 set screws M4 x 40

2 panes 5.3 x 1

2 nuts M4

Step 3: (Assembly of the front system)

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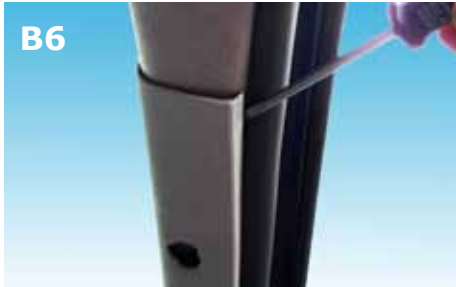


B4

B4+B5: (Disassembly of the entry handles on the A-pillars)
Loosen the entry handles' screws (TX 27) and remove them.



B5



B6

B6+B7: (Disassembly of the A-pillar panelling)
Remove the original panelling above, beginning with the A-pillar. The clip-on connection automatically disengages in the process. Remove the panelling in an upward direction.



B7

B8

B8: (Disassembly of the fastening clips)
Remove the metal clips from the vehicle panel by gently prying them from the anchorage with a flat object (e.g. a screwdriver).

B9

B9: Cut off the bracket with a suitable tool. The component (see B12) is used in the new A-pillar panelling once again.

B10

B10-B12: (Assembly of the fastening clips)
Take both original fastenings (rivets, B13). Push them into the upper (B14) and middle bracket (B15).

B11**B12**

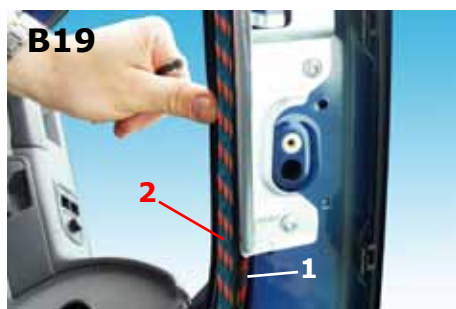
B13

B13 + B14: (Assembly of the ventilation screens)
Remove the ventilation screens from the original A-pillar panelling (or use the enclosed ventilation screen) and clip it into the new A-pillar panelling.

B14**B15**

B15 + B16: (Assembly of the air duct adapter)
Attach the air duct adapter to the ventilation screen so that the bottom edge is flush with the A-pillar panelling. This is affixed with the aid of the attached Velcro strap.

B16



B17 - B20: (Positioning of the wiring harness (with rain sensor variant 2 wiring harnesses))

Completely remove the cable ties. The wiring harness 1 (approx. Ø 8 mm) is laid in front of the sheet of the handle fastening by first removing the rubber seal (on vehicles without a handle, the handle fastening is missing here **(which is not included in the scope of delivery!)**); at this point, this sheet must then be attached in advance). Press the rubber seal on again. The wiring harness 2 (approx. Ø 12 mm) is positioned parallel to the wiring harness 1, but in front of the sheet and affixed as instructed. Make sure that the hole marked in the picture B23 is not covered by the wiring harness.

If additional cables have to be laid, they should be laid on the opposite side due to the lack of space.

During further assembly, care should be taken to ensure that the wiring harnesses are not pinched or damaged!

**B21**

B21 + B22: (Preparation for the assembly of the A-pillar panelling)
If necessary, mark the contour of the A-pillar panelling on the vehicle's roof lining. Then remove any excess material.

**B22****B23**

B23 - B25: (Assembly of the A-pillar panelling)
Insert the new panel into the designated space on the dashboard from the top and press it onto the A-pillar. In doing so, make sure that both rivets from the fastening are in the correct position and make sure that the edge of the A-pillar panelling remains in the groove of the door seal. **Make sure that the clip-on connections are engaged!**
If necessary, press the edge of the A-pillar panelling that has popped out back into the seal groove with the aid of a suitable tool.

**B24****B25****B26**

B26: (Assembly of the entry handles)
It is now time to assemble both of the entry handles. Before screwing the handles, check if the wiring harnesses are not lying in front of the thread. If this is the case, press them carefully in the direction of the door seal with the aid of a suitable tool.


B27

B27 + B28: (Preparation for the assembly of the upper fascia panels)

Insert the upper fascia panels FS/BFS laterally into the A-pillar panelling. Affix both of the fascia panels in the middle with the aid of a clamp and push them flush onto the windscreen. Make sure that the fascia panel's contour is at a uniform distance to the plastic part (strip light). Carefully pre-drill into the spaces provided for in the fascia panels with a drill (\varnothing 2 mm) in the roof liner. Then drill out bored holes of \varnothing 6.5 mm with a drill.


B28

B29

B29 - B31: (Assembly of the upper fascia panels)

Attach the fascia panels with the accompanying wall plugs onto the roof lining. The set screw is screwed into the middle of the fascia panels on both sides with the accompanying pane and screws.


B30

B31

B32

B32: (Assembly of the upper guide pipe)

Screw the upper guide pipe FS/BFS onto the pipe bracket in the A-pillar panelling as far as it will go. Insert the threaded pin in the middle by lightly spanning the pipes.


B33

B33: (Preparation for the assembly of the lower guide pipe)

Screw in the second set screw into the bearing of the pipe bracket in the middle.

B34**B34: (Assembly of the upper guide pipe)**

Screw the lower guide pipe FS/BFS onto the pipe bracket in the A-pillar panelling as far as it will go. Insert both ends of the guide pipe onto the set screw.

B35**B35: (Preparation for the assembly of the lower pipe bracket)**

Connect the pleat to find the position for the lower pipe bracket. Affix the bracket in this position with adhesive tape on the dashboard in the middle.

B36**B36 + B37: (Assembly of the lower pipe bracket)**

Mark the drill hole positions of the pipe bracket. Make sure that the pipe bracket is standing parallel to the direction of travel. Pre-drill the holes with a drill to \varnothing 3 mm. Then screw the pipe bracket firmly onto the dashboard with 2 screws SK 4.2 x 13 mm.

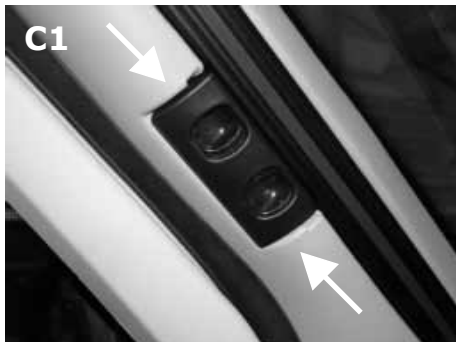
B37**B38****B38 - B40: (Attaching the foam strip)**

Under certain circumstances, different vehicle variants may lead to the formation of a gap between the dashboard and the A-pillar panelling (see B41).

Cut the foam strip to match the size of the gap and stick it onto the A-pillar panelling.

B39**B40**

C. Information on operation



Operation of the front system

C1 + C2:

Press both buttons in the direction of the arrow to unlock the front blackout. Then pull the entry handle from the left and from the right in the direction of the centre of the windscreen. The handle bars close automatically by means of a magnetic lock. Pull the handle bars apart on the handles in the direction of the arrow to open and guide them back into the rest position. Lock the handle by pressing on the frame. **Make sure that both sides are locked correctly before powering the vehicle!**



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D. Information on maintenance and repair

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| 1. Care: | As a general rule, do not use aggressive cleaning agents (solvents/abrasives). Frame components from the front system can be cleaned with a damp cloth and mild soapy water. The folding material can be cleaned carefully with a soft brush, and if necessary, with a damp cloth. |
| 2. Maintenance/repair: | The system is designed to be maintenance-free. |
| 3. Retention of documents: | Where possible, user information with operating instructions and documents should be kept in the vehicle in case of need. |
| 4. Replacement procurement: | You can obtain spare parts from your specialist retailer. |