

ISTRUZIONI DI MONTAGGIO DEL CONDIZIONATORE
AIR CONDITIONER MOUNTING INSTRUCTIONS
INSTRUCTIONS POUR LE MONTAGE DU CLIMATISEUR
MONTAGE DER KLIMAANLAGE
INSTRUCCIONES DE MONTAJE DEL ACONDICIONADOR

**CONDIZIONATORE
AIR-CONDITIONER
CLIMATISEUR
KLIMAANLAGE
ACONDICIONADOR**

SOMMARIO	PAGINA	CONTENTS	PAGE
Immagini esplosi	3	Exploded views	3
Avvertenze generali	5	General precautions	11
Componenti forniti	6	Supplied components	12
Installazione / Fasi di montaggio	7	Installation/Assembly steps	13

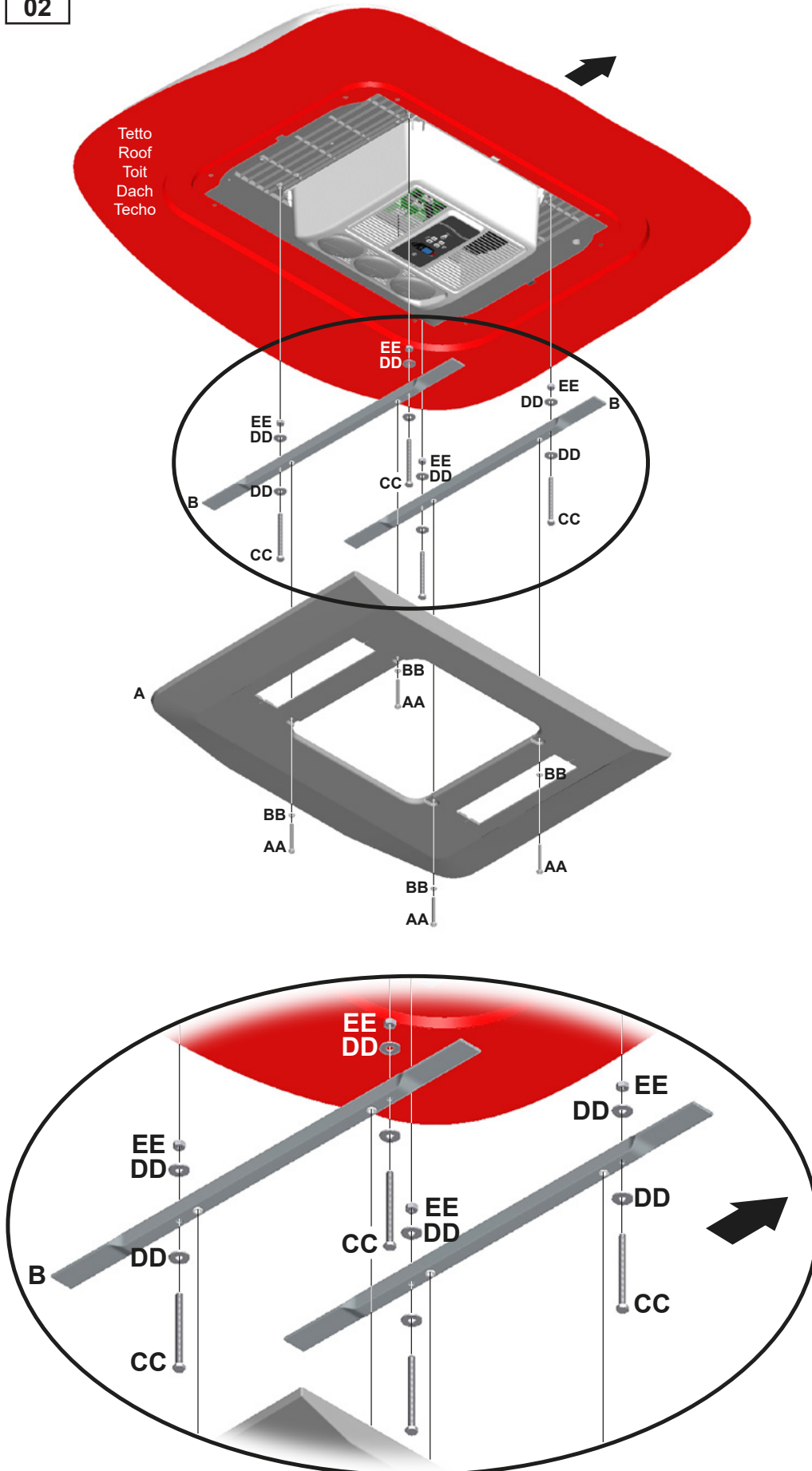
SOMMAIRE	PAGE	INHALT	SEITE
Éclatés	3	Explosionszeichnungen	3
Recommandations générales	17	Allgemeine Hinweise	23
Composants fournis	18	Mitgelieferte Komponenten	24
Installation / Phases de montage	19	Montage / Montagephasen	25

SUMARIO	PÁGINA
Imágenes desglosadas	3
Advertencias generales	29
Componentes suministrados	30
Instalación / Fases de montaje	31



01

02



GENERAL PRECAUTIONS

FOR VEHICLES EQUIPPED WITH LONG CABIN SPOILERS, CHECK THE FEASIBILITY OF INSTALLATION.

Installation must be performed exclusively by a specialised technician aware of the risks involved and the relevant regulations.

The air-conditioner must only be used as specified by the manufacturer and no arbitrary alterations or changes should be made to the device.

Do not put your hands in the ventilation grilles or insert any foreign objects into the system.

BEFORE INSTALLING THE DEVICE, DISCONNECT ALL CONNECTIONS TO THE VEHICLE BATTERY.

Install the roof unit securely to prevent it from overturning or falling.

During installation and when drilling holes in the vehicle, take care not to damage any previously installed wiring or tubing systems.

When working in the vicinity of the batteries (evaporator and/or condenser) be careful not to cut yourself on the edges of the fins.

If the electrical cables have to pass through panels with sharp edges, use appropriate ducting or conduit.

Securely fasten the electrical cables, taking particular care when they run along conductive metal panels; avoid contact with sharp edges.

Before starting installation, once the unit is positioned on the roof, check that the openings for the air inlet and outlet on the condenser are not blocked or covered.

Check whether you will need to change the vehicle height stated on the vehicle registration documents once the air conditioner is installed (contact the vehicle manufacturer).

Turn off the air conditioner before using automatic washing devices to clean the vehicle.

Ensure that the vehicle battery has a capacity of at least **170 Ah**.

For installation, a polyurethane sealant suitable for joints in sheet metal, car bonnets, canopies and painted surfaces is recommended.

Before positioning the air conditioner on the roof of the vehicle, check that it is accessible and that it can support the weight of the model you intend to install.

ENGLISH**SUPPLIED COMPONENTS**

REFERENCE	DESCRIPTION	QUANTITY
A	Cover panel	1
B	Air conditioner fixing bracket	2
C	Gasket 20x15x3000	1
D	Electrical wiring	1
AA	Round head screw M6x60	4
BB	Flat washer Ø6	4
CC	Hex head screw M8x100	4
DD	Flat washer Ø8xØ24	8
EE	Nut M8	4
FF	Spacer	4

INSTALLATION

ASSEMBLY STEPS

Disconnect the battery.

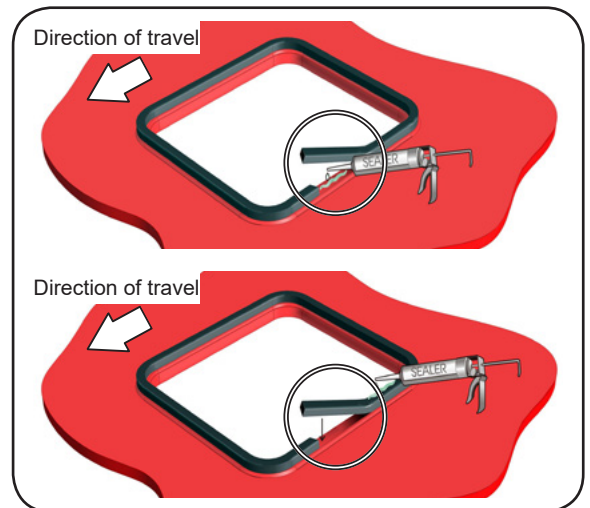
Remove the internal cover panel from the hatch and discard it.

Remove the hatch from the roof of the vehicle (pay attention to any electrical connections) by loosening the 8 fixing screws; thoroughly clean the surface of the roof around the seal area of the hatch, removing all dirt and sealant residues.

Spread sealant along the edge of the hatch opening where the air conditioner gasket will be placed.

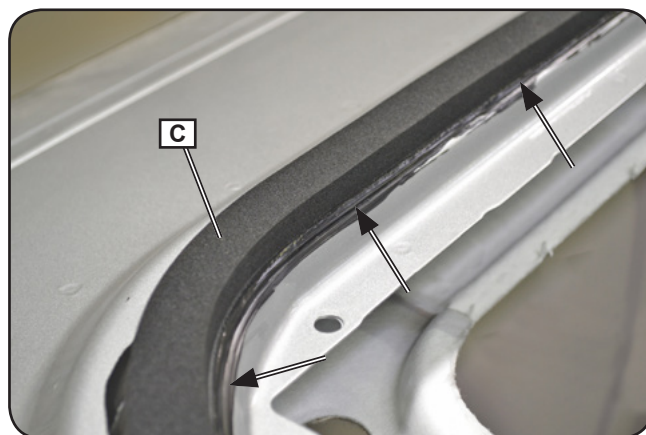
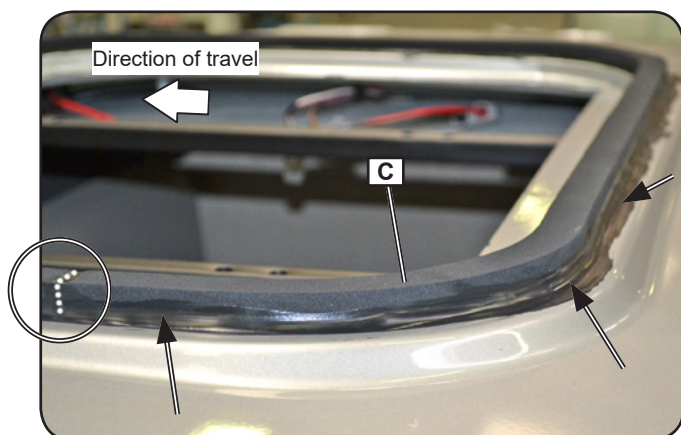
Glue the gasket **C** to the vehicle roof above the newly spread sealant.

CAUTION: position the gasket, starting about halfway along one of the lateral sections of the hatch, so that the joint at either end of the gasket is **neither** at the front nor the back.



ENGLISH

Complete the gasket seal.



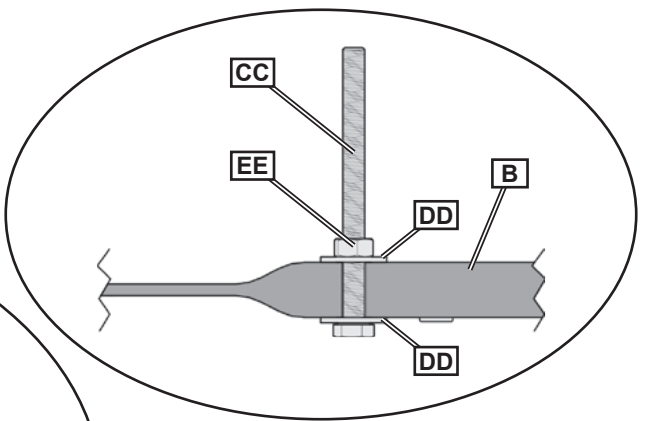
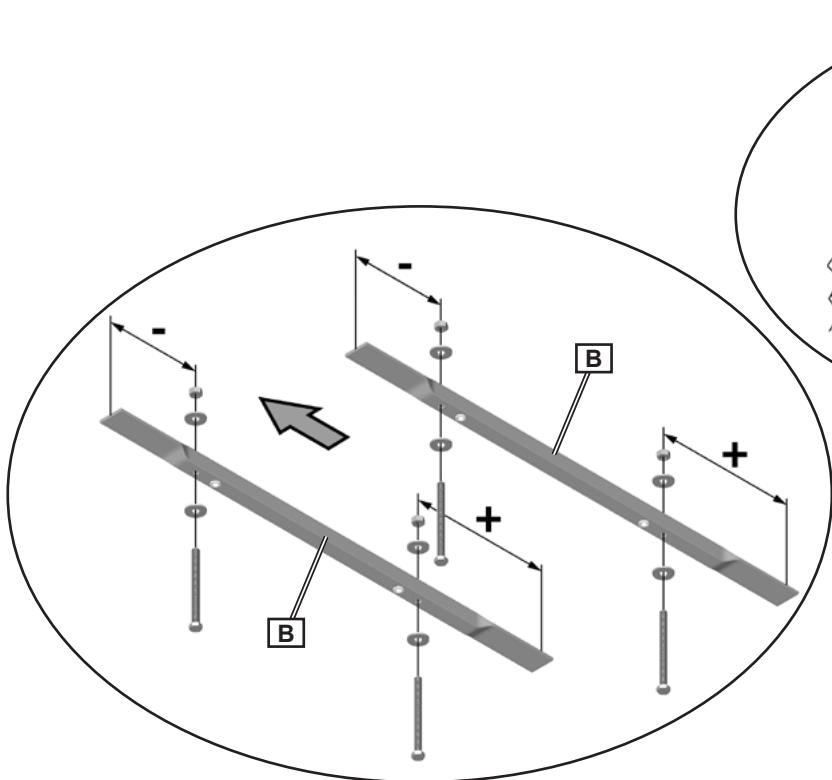
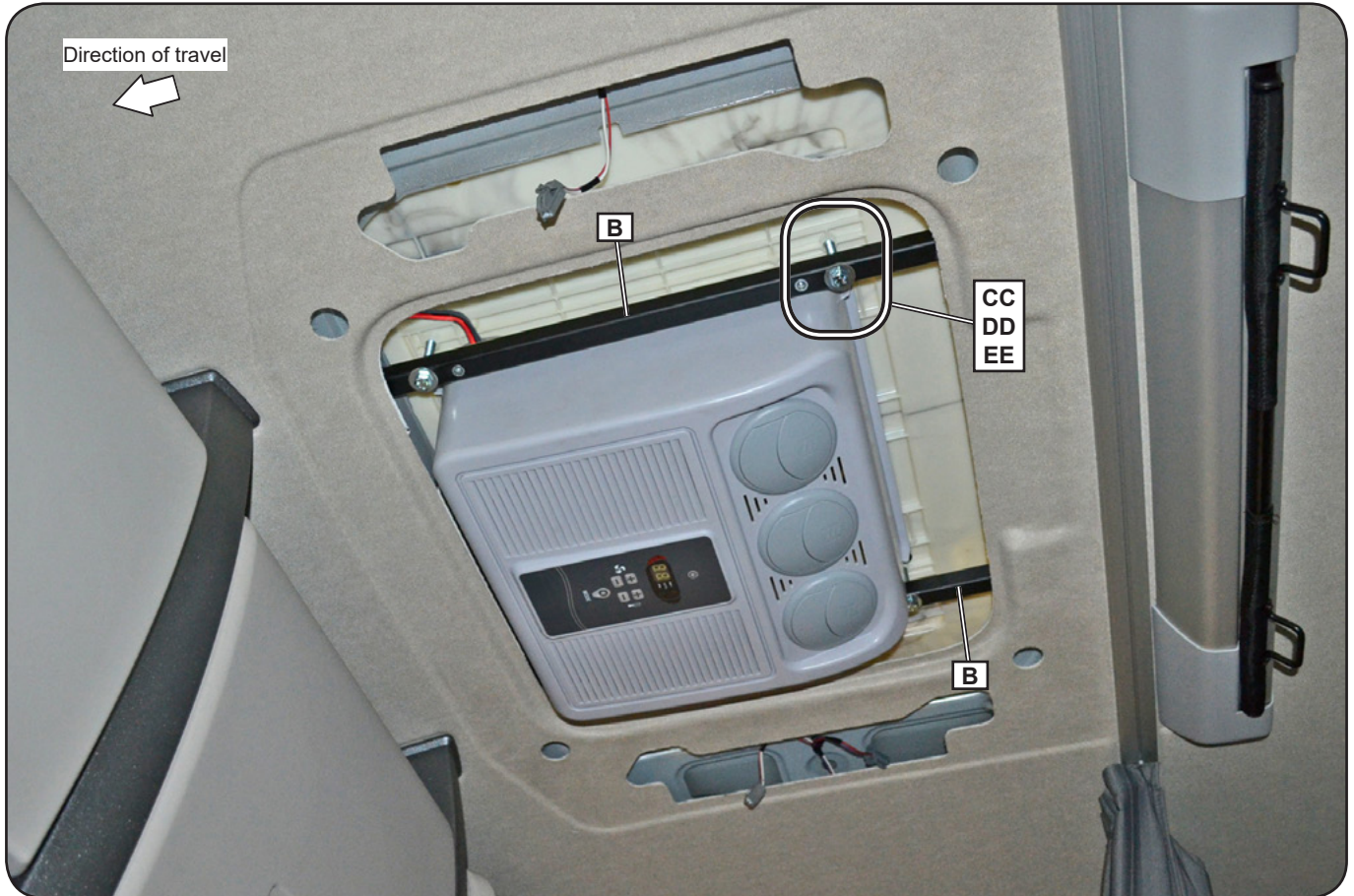
Pass the electrical wires **D** through the gap between the roof and the lining above the windscreen, then run it to the electrical supply points in the front of the vehicle. **Note:** if the electrical wires need to be extended, use a power cable of larger diameter than that provided and protect it by means of a fuse.

Lift the air conditioner onto the roof of the vehicle and position it in the hatch opening, aligning the front part of the diffuser with the opening in the roof.

CAUTION: during this step, take particular care NOT to damage the gasket already positioned on the roof.



Fix the air conditioner using the brackets **B**: insert the ends of the brackets under the lining to gain a grip on the metal parts; insert screws **CC** with the washers **DD** and nuts **EE** and screw them into the threaded sockets on the bottom of the air conditioner. Tighten and then tighten the nuts **EE** against the brackets **B**.



ENGLISH

Connect the wiring **D** to the air conditioner using the two-pole connector.

Then fix the cover panel **A** with the screws **AA** and the spacers **FF**.



Refit all previously removed components.

Reconnect the battery.

Note: do not wash the truck or expose it to rain until at least 4 hours after installation and in any case not before the sealant has sufficiently dried.