



Installation Guide

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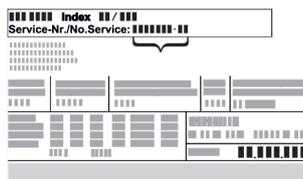
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General safety instructions

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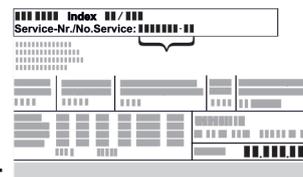
The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

Symbol	Explanation
	<p>Read instructions</p> <p>Please read the information in these instructions carefully to understand all of the benefits of your new appliance.</p>
	<p>Additional information on the Internet</p> <p>The digital manual with additional information and in other languages can be found via the QR code on the front of the manual or by entering the service number at home.liebherr.com/fridge-manuals.</p> <p>The service number can be found on the serial tag:</p>  <p style="text-align: center;"><i>Fig. Example illustration</i></p>
	<p>Check appliance</p> <p>Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.</p>

Symbol	Explanation
	<p>Differences</p> <p>These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).</p>
	<p>Instructions and results</p> <p>Instructions are marked with a ▶.</p> <p>Results are marked with a ▷.</p>
	<p>Videos</p> <p>Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.</p>

1 General safety instructions

- Please keep this assembly manual in a safe place so you can refer back to it at any time.
- If you pass the appliance on, please hand this assembly manual to the next user.
- Read this assembly manual carefully before installation and use to ensure safe and correct use of the appliance. Follow the instructions, safety instructions and warning messages included at all times. They are important for ensuring you can operate and install the appliance safely and without any problems.
- First read the general safety instructions in the “General safety instructions” section of the **operating instructions**, which accompany these installation instructions, and follow them. If you cannot find the **operating instructions**, you can download the **operating instructions** from the internet by entering the service number at home.liebherr.com/fridge-manuals. The service number can be found on the serial



tag:

- **Observe the warning messages and other detailed information in the other sections when installing the appliance:**

	DANGER	identifies a situation involving direct danger which, if not obviated, may result in death or severe bodily injury.
	WARNING	identifies a dangerous situation which, if not obviated, may result in death or severe bodily injury.

	CAUTION	identifies a dangerous situation which, if not obviated, may result in minor or medium bodily injury.
	NOTICE	identifies a dangerous situation which, if not obviated, may result in damage to property.
	Note	identifies useful instructions and tips.

2 Installation conditions



WARNING

Fire hazard due to dampness!

If live parts or the mains lead become damp this may cause short circuits.

- ▶ The appliance is designed for use in enclosed areas. Do not operate the appliance outdoors or in areas where it is exposed to splash water or damp conditions.

2.1 Installation location



WARNING

Leaking coolant and oil!

Fire. The coolant contained in the appliance is eco-friendly, but also flammable. The oil contained in the appliance is flammable. Escaping coolant and oil can ignite if the concentration is high enough and in contact with an external heat source.

- ▶ Do not damage the pipelines of the coolant circuit and the compressor.

- Do not install appliance in direct sunlight, next to an oven, radiator or similar.
- The best place for installation is a dry and well ventilated room.
- If the appliance is installed in a very humid environment, condensation can form on the outside of the appliance. Always ensure good airflow and ventilation in the installation location.
- The more refrigerant there is in the appliance, the larger the space it is installed in must be. If the space is too small, any leak may create a flammable mixture of gas and air. For every 8 g of refrigerant, the installation space must be at least 1 m³. Information regarding the refrigerant can be found on the type plate inside the appliance.
- The floor of the location must be horizontal and even.
- The installation location must be able to withstand the weight of the appliance plus weight when stocked to maximum level.
- Use in hazardous areas is not permitted.

2.2 Electrical connection



WARNING

Danger of fire due to incorrect positioning!

- ▶ Make sure the mains cable is not trapped under the appliance when you position the appliance.
- ▶ Position the appliance so that it does not touch the plug or mains cable.
- ▶ Do not connect any appliances to sockets in the area of the back of the appliance.
- ▶ Do **not** place and operate multi-sockets/power distributors and other electronic devices (such as halogen transformers) at the back of the appliances.

3 Ventilation requirements

NOTICE

Danger of overheating due to insufficient air ventilation!

The compressor may be damaged if there is insufficient air ventilation.

- ▶ Take care to ensure adequate air ventilation.
- ▶ Observe the ventilation requirements.

If the appliance is integrated into a fitted kitchen, the following ventilation requirements must be adhered to:

- There are spacer fins at the back of the appliance to provide sufficient ventilation. Make sure that these are not positioned in recesses or openings.
- As a rule, the larger the ventilation space the more efficiently the appliance can run.

4 Transporting appliance



WARNING

Risk of injury due to broken glass!*

When transporting at an altitude of more than 1500 m, the glass panes of the door may break. This can result in sharp-edged fragments, which can cause serious injuries.

- ▶ Take appropriate protective action.

Note when transporting the appliance:

- ▶ Transport the appliance upright.
- ▶ Use two people to transport the appliance.

During first use:

- ▶ Transport the appliance packaged.

When transporting appliances after initial commissioning (e. g. moving or cleaning):

- ▶ Empty the appliance.
- ▶ Secure the door against unintentional opening.

5 Unpacking the appliance

Before you connect the appliance, report any damage immediately to the delivery company.

- ▶ Check the appliance and the packaging for damage during transport. Contact the supplier immediately if you suspect any level of damage.
- ▶ Remove all materials from the back or the side walls of the appliance that may prevent proper installation or ventilation.
- ▶ Remove all protective films from the appliance. Do not use sharp or pointed objects for this.

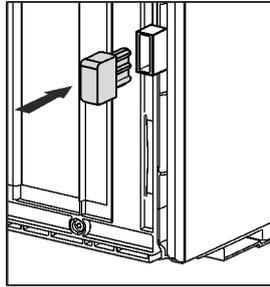
Mounting wall spacers

6 Mounting wall spacers

With wall spacers, your device achieves the declared energy consumption and no condensation forms in high ambient humidity. The device is fully functional without the spacer brackets, but its energy consumption will be slightly higher.

If you insert the wall spacers, then the device depth increases by approx. 15 mm.

- ▶ Appliance with supplied wall spacers: Fit wall spacers on the rear of the appliance at the bottom left and right.



7 Setting up the appliance



CAUTION

Risk of injury due to heavy appliance!

- ▶ Have two people transport the appliance to its installation site.



CAUTION

Risk of injury and damage!*

The door may strike the wall and be damaged as a result. In the case of glass doors, the damaged glass may cause injuries!

- ▶ Protect the glass door from striking against the wall. Fit a door stop, e.g. one made of felt, to the wall.
- ▶ A limiter restricting door opening to 90° can be ordered from the aftersales service.



WARNING

Danger of injury and damage due to the appliance being unstable!

The appliance can topple over.

- ▶ Secure the appliance as described in the instructions.



WARNING

Fire hazard and danger of damage!

- ▶ Do not place appliances emitting heat e.g. microwaves, toasters etc. on the appliance!

Ensure that the following conditions are met:

- Only move the device when it is not loaded.
- Only set up the appliance when someone is available to help.

8 Setting up the appliance so that it is level



CAUTION

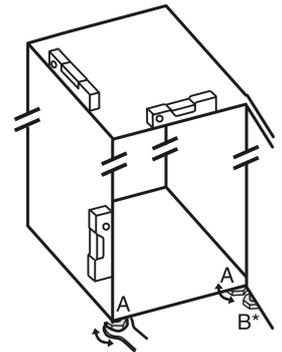
Risk of injury or damage from the appliance tipping or the door falling open!

If the additional adjustable foot on the base support is not correctly positioned on the floor, there is a risk of the door falling open or the appliance tipping. This can lead to injury or property damage.

- ▶ Unscrew the additional adjustable foot on the support until it reaches the floor.
- ▶ Then turn it another 90°.

- ▶ Set up the appliance so that it is level using the supplied open-ended wrench to turn the adjustable feet (A) and a spirit level.

- ▶ Then prop up the door: Turn the adjustable foot (B) on the bearing bracket until it comes into contact with the floor, then turn an additional 90°.



9 After setting up

- ▶ Take off the protective film from the exterior of the appliance.
- ▶ Take off the protective film from the trim panels.
- ▶ Take off the protective film from the trim panels and drawer fronts.
- ▶ Take off the protective film from the stainless steel rear panel.
- ▶ Remove all transport safety components.
- ▶ Clean the appliance. (see operating instructions)
- ▶ Note the type (model, number), appliance designation, appliance/serial number, purchase date and dealer's address.

10 Disposing of packaging



WARNING

Danger of suffocation due to packing material and plastic film!

- ▶ Do not allow children to play with packing material.

The packaging is made of recyclable materials:

- corrugated board/cardboard
- expanded polystyrene parts
- polythene bags and sheets
- polypropylene straps
- nailed wooden frame with polyethylene panel*
- ▶ Take the packaging material to an official collecting point.

11 Swapping the door hinge side

Tool

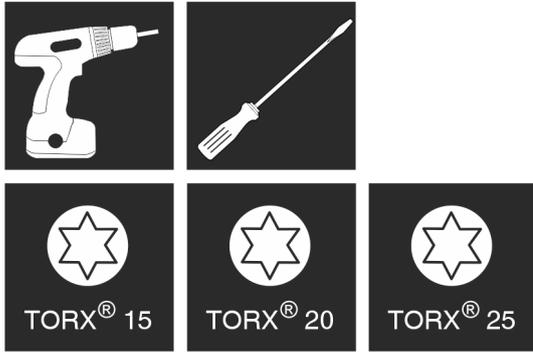


Fig. 1

WARNING

Danger of injury due to door falling out!
If the bearing parts are not screwed on tightly enough, the door may fall out. This can result in serious injuries. In addition, the door may not close with the result that the appliance does not cool properly.

- ▶ Screw on the bearing brackets/bearing pins tightly with 4 Nm.
- ▶ Check all screws and retighten them if necessary.

NOTICE

Live parts!
Damage to electrical components.

- ▶ Disconnect the power plug before reversing the door.

The following sections apply to appliances **with closing dampers**:

- For appliances **with** closing dampers
- For all appliances

NOTICE

Risk of condensation damage for Side-by-Side appliances!*
Certain appliances can be set up as Side-by-Side combinations (two appliances next to each other).
If your appliance is a **Side-by-Side (SBS) appliance**:

- ▶ Set up the SBS combination in accordance with the enclosed document.

If the **positioning of the devices is stipulated**:

- ▶ Do not change the door hinges over.

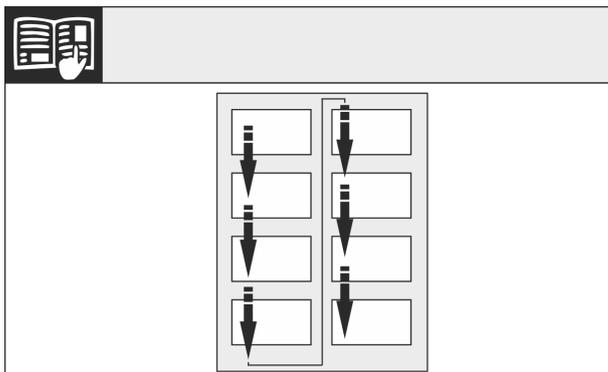


Fig. 2

Note the direction of reading.

11.1 Removing the closing dampers

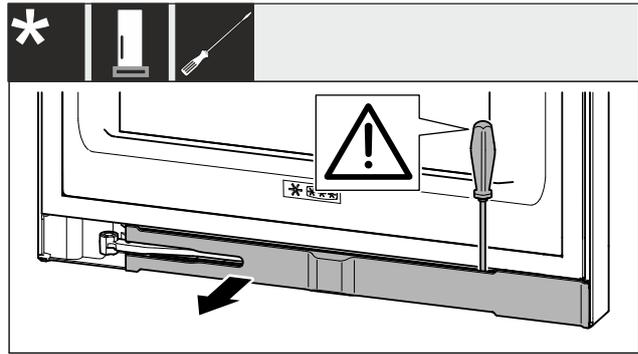


Fig. 3

- ▶ Open the door.

NOTICE

Risk of damage!
If the door seal is damaged, the door may fail to close properly and the cooling will be inadequate.

- ▶ Do not damage the door seal with the screwdriver!

- ▶ Use a slotted screwdriver to unlatch the trim and swing it to the side Fig. 3 ().

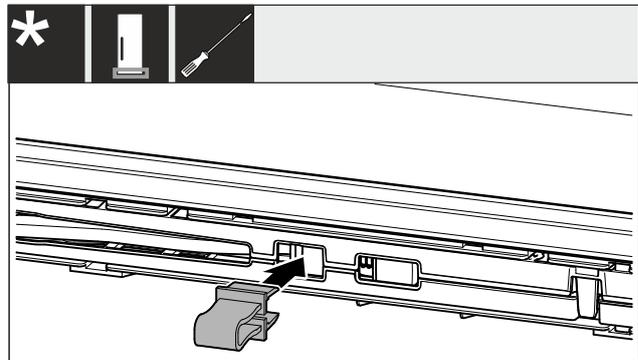


Fig. 4

CAUTION

Crushing hazard by joint folding up!

- ▶ Engage safety device.

- ▶ Latch a safeguard into the opening Fig. 4 ().

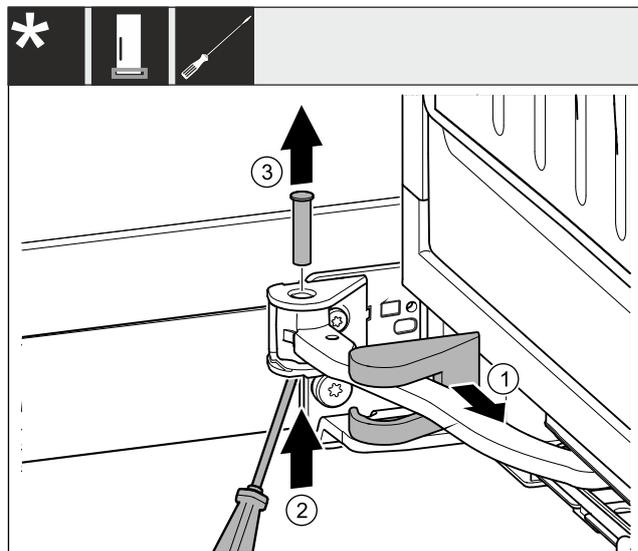


Fig. 5

Swapping the door hinge side

- ▶ Remove the swap bearing block cover and slide along the joint. *Fig. 5 (1)*
- ▶ Use your finger or a screwdriver to lift the bolt from below. *Fig. 5 (2)*
- ▶ Push the screwdriver under the bolt head and pull it out. *Fig. 5 (3)*

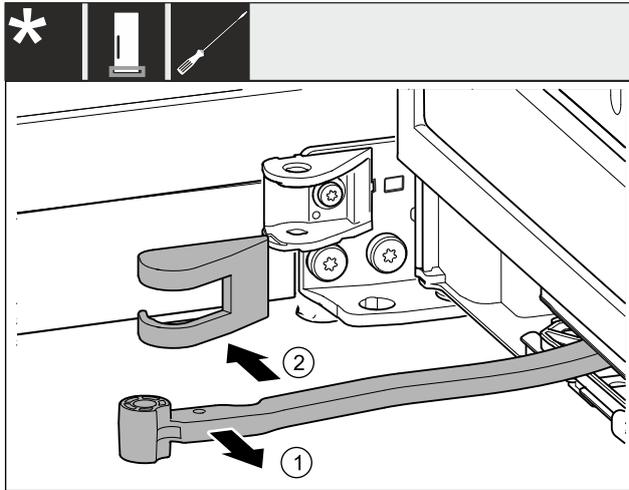


Fig. 6

- ▶ Turn the joint towards the door. *Fig. 6 (1)*
- ▶ Remove the swap bearing block cover. *Fig. 6 (2)*

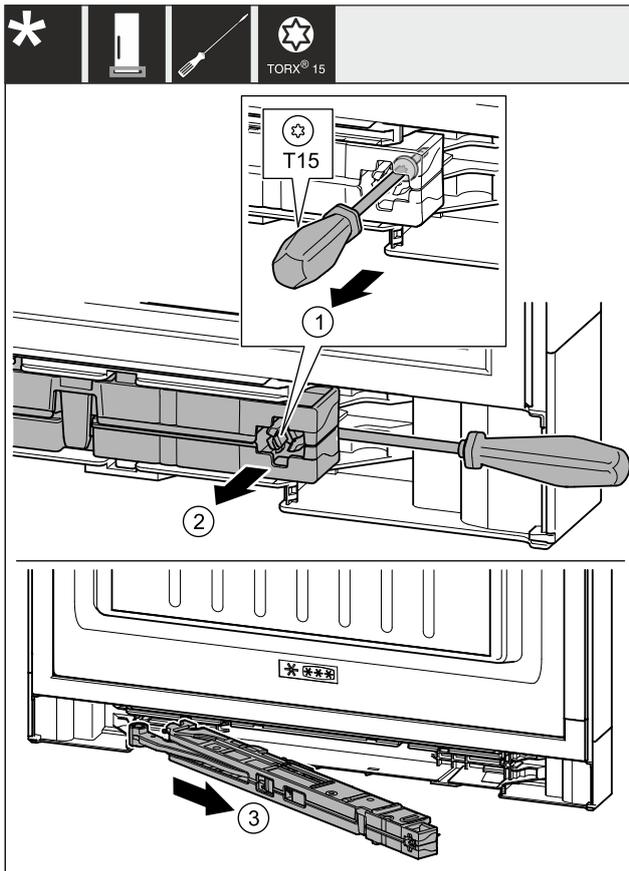


Fig. 7

- ▶ Use screwdriver T15 to loosen the screw on the closing damper unit by approx. 14 mm. *Fig. 7 (1)*
- ▶ Push the screwdriver in behind the closing damper unit on the handle side. Swivel the unit to the front. *Fig. 7 (2)*
- ▶ Pull the unit out. *Fig. 7 (3)*
- ▶ Set the closing damper unit aside.

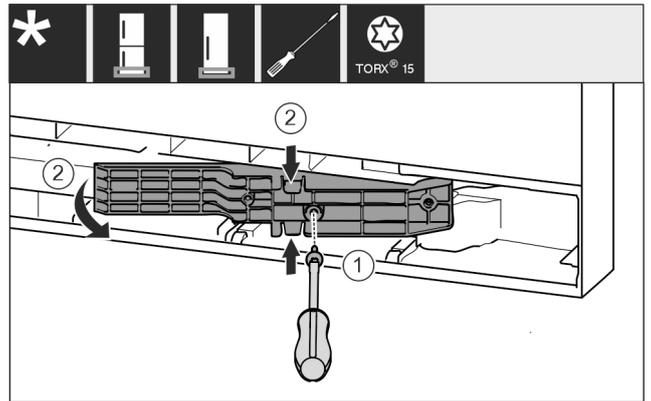


Fig. 8 *

- ▶ Use screwdriver T15 to loosen the screws. *Fig. 8 (1)**
- ▶ Pull the adapter out. *Fig. 8 (2)**

11.2 Loosening the cable connection

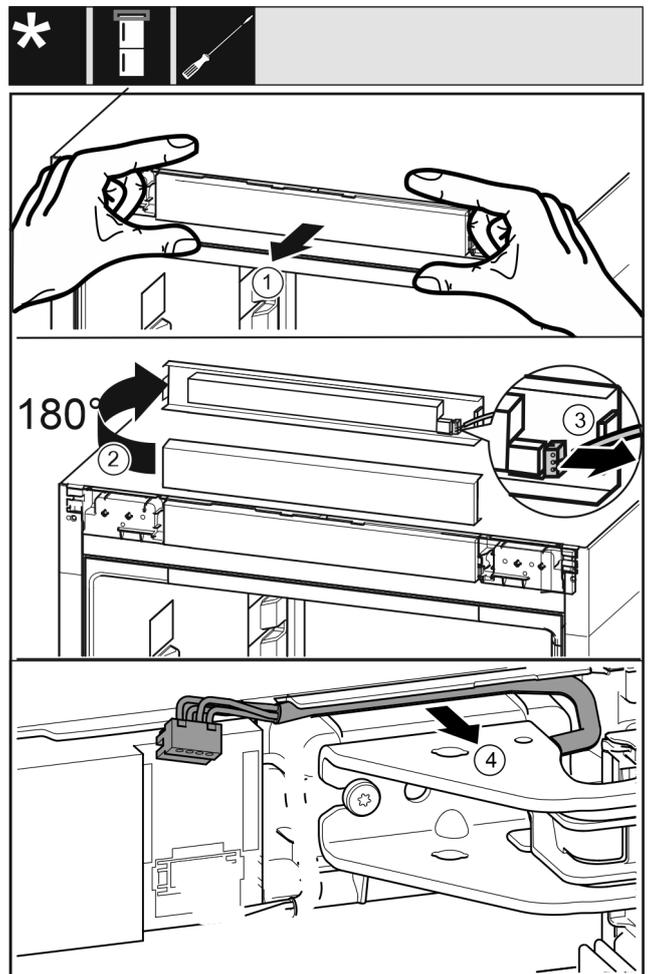


Fig. 9

- ▶ Loosen the appliance's control panel trim by pulling forward carefully. *Fig. 9 (1)*
- ▶ Turn the control panel trim upwards by 180°. *Fig. 9 (2)*
- ▶ Push the locking tab backwards and remove the plug carefully. *Fig. 9 (3)*
- ▶ Release the cable over the swap bearing block from the guide carefully. *Fig. 9 (4)*

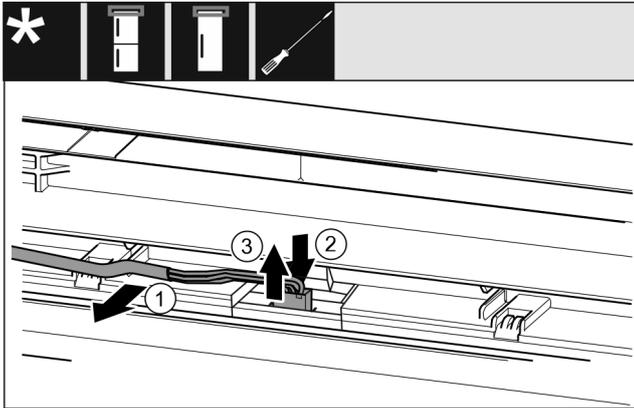


Fig. 10

- ▶ Release the grey cable from the guide in the door carefully. Fig. 10 (1)
- ▶ Push the tab behind the plug backwards. Fig. 10 (2)
- ▶ Pull the plug out upwards carefully. Fig. 10 (3)

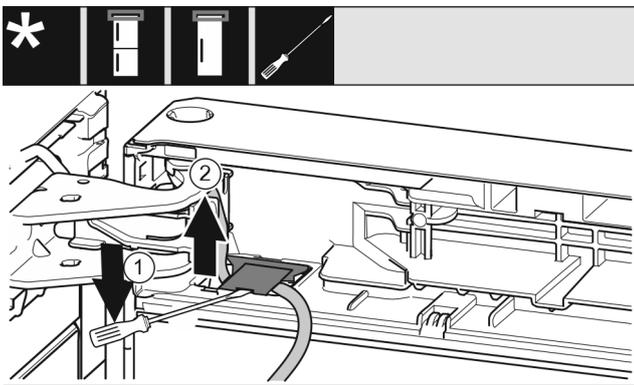


Fig. 11

- ▶ Use the slotted screwdriver to lift the cover up and pull it out. Fig. 11 (1)
- ▶ Pull the cable out. Fig. 11 (2)

11.3 Re-locating the remote lock

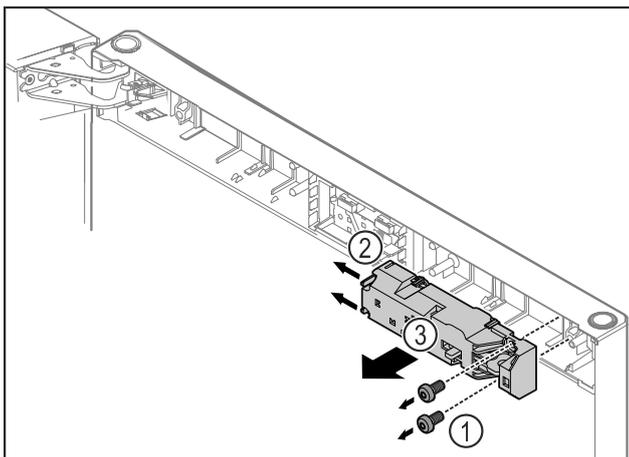


Fig. 12

- ▶ Remove the Fig. 12 (1) screws.
- ▶ Push the latching tabs Fig. 12 (2) to the side and remove the remote lock Fig. 12 (3).

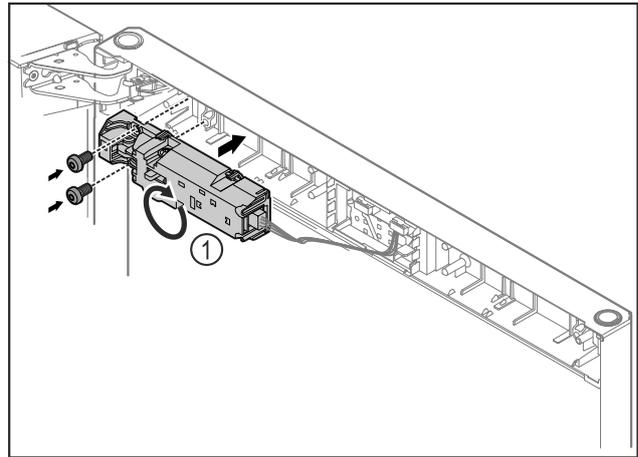


Fig. 13

- ▶ Turn the remote lock Fig. 13 (1) by 180° and attach on the opposite side.

11.4 Removing the door

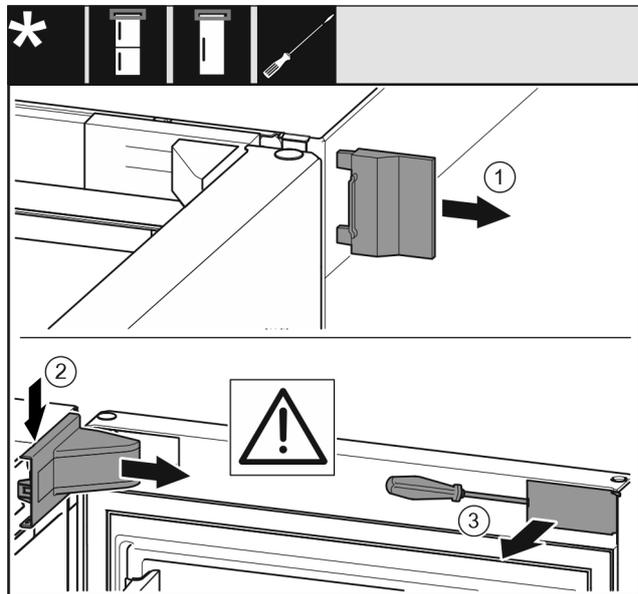


Fig. 14

- ▶ Open the door.

NOTICE

Risk of damage!

If the door seal is damaged, the door may fail to close properly and the cooling will be inadequate.

- ▶ Do not damage the door seal with the screwdriver!

- ▶ Remove the outer cover. Fig. 14 (1)
- ▶ Disengage the swap bearing block cover and loosen. Remove the swap bearing block cover. Fig. 14 (2)
- ▶ Use a slotted screwdriver to unlatch the trim and swing it to the side. Fig. 14 (3)

Swapping the door hinge side

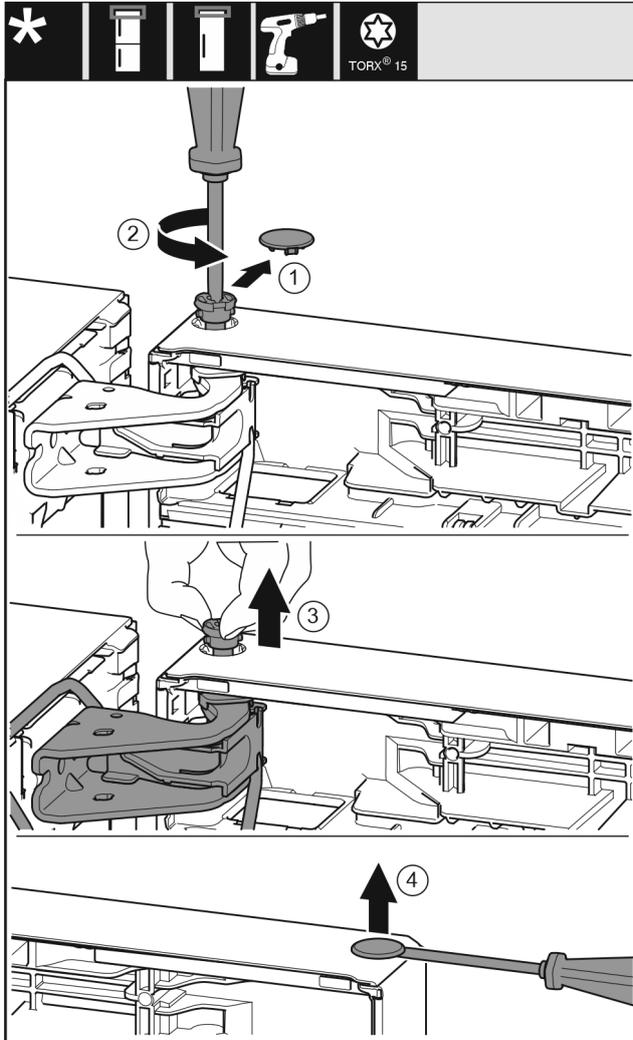


Fig. 15



CAUTION

- Risk of injury if the door tips!
- ▶ Take good hold of the door.
 - ▶ Set down the door carefully.
-
- ▶ Lift the door and put it to one side.

11.5 Relocating the upper bearing components

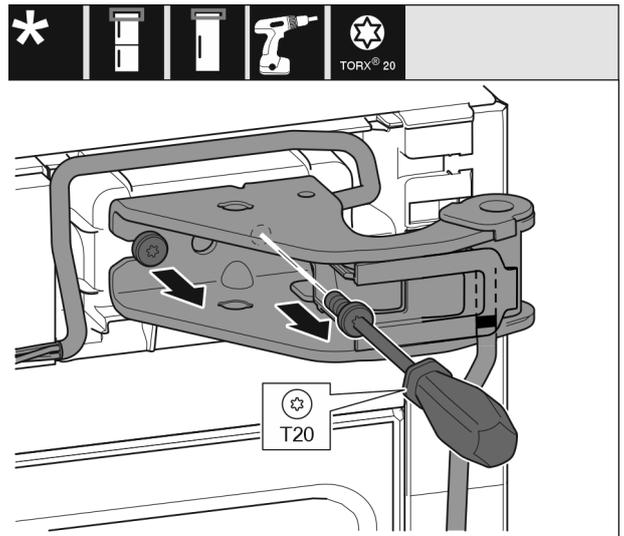


Fig. 16

- ▶ Use screwdriver T20 to unscrew both screws.
- ▶ Lift and remove the swap bearing block and the cable.

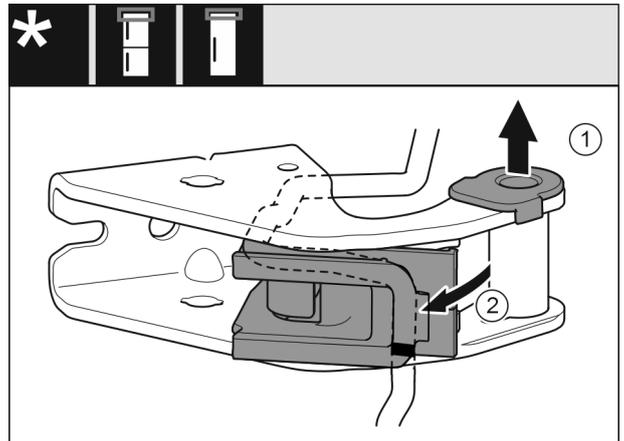


Fig. 17

- ▶ Pull the bearing bush out of the guide. Fig. 17 (1)
- ▶ Swivel the cable holder out. Fig. 17 (2)

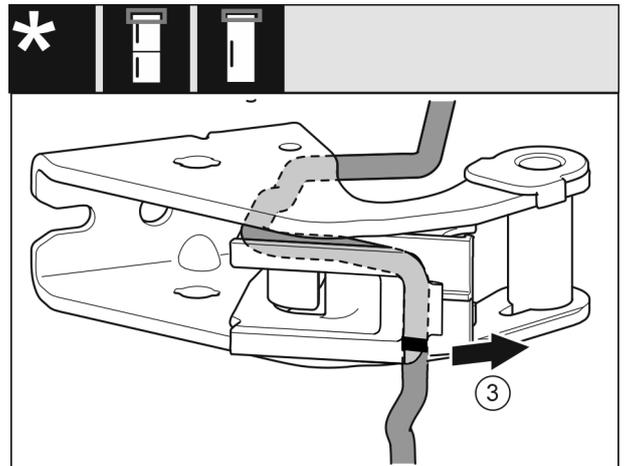


Fig. 18

- ▶ Remove the cable with the cable holder from the swap bearing block. Fig. 18 (3)

Swapping the door hinge side

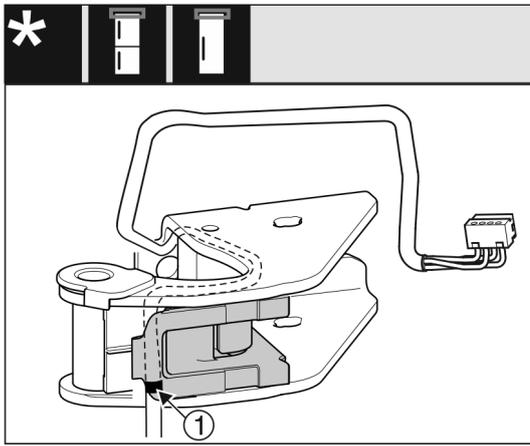


Fig. 19

- ▶ Insert the cable into the top groove in the cable holder inversely.
- ▶ Place the middle marking on the edge of the cable holder Fig. 19 (1).
- ▶ Swivel the cable holder in.

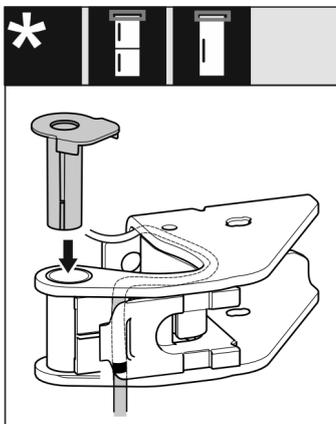


Fig. 20

- ▶ Insert the bearing bush from the other side and engage.

NOTICE

Risk of crushing the cable

- ▶ Pay attention to the markings when laying cables. The end of the cable with the double marking must be laid in the door end section.

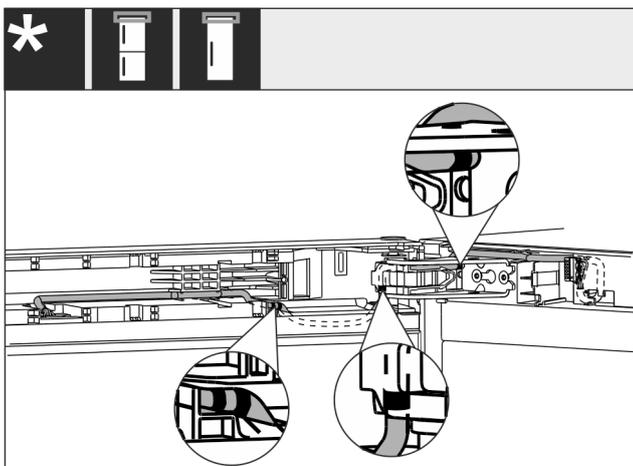


Fig. 21

After relocating, the cables must be laid as shown in the illustration.

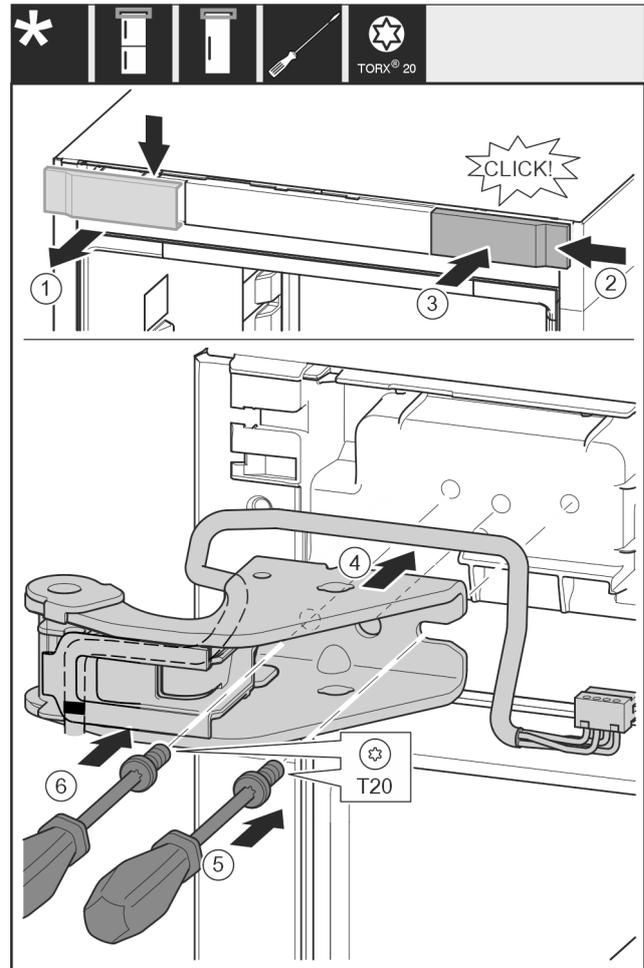


Fig. 22

- ▶ Remove the cover from above towards the front. Fig. 22 (1)
- ▶ Turn the cover by 180° and attach to the other side from the right. Fig. 22 (2)
- ▶ Engage the cover. Fig. 22 (3)
- ▶ Place the top swap bearing block. Fig. 22 (4)
- ▶ Use screwdriver T20 to place the screw and tighten it. Fig. 22 (5)
- ▶ Use screwdriver T20 to insert the screw and tighten it. Fig. 22 (6)

Swapping the door hinge side

11.6 Relocating the bottom bearing components

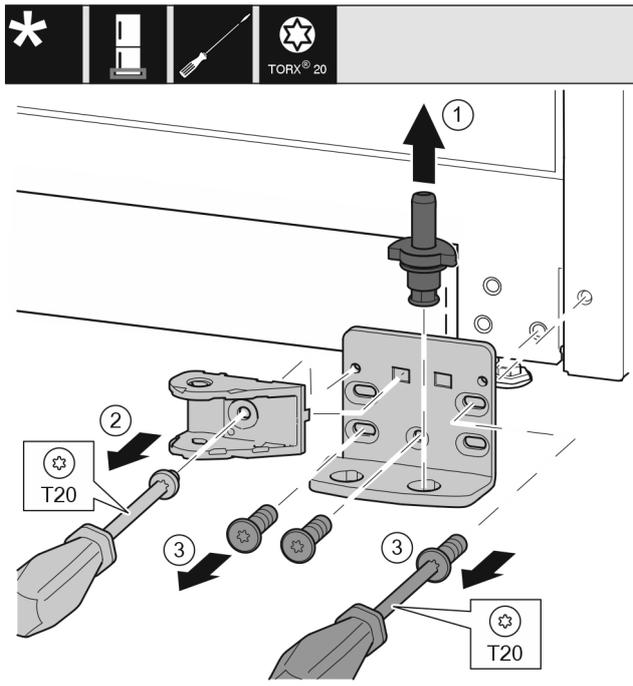


Fig. 23

- ▶ Pull the bearing bolt out upwards completely. Fig. 23 (1)
- ▶ Use screwdriver T20 to unscrew the screw and remove the closing damper connection. Fig. 23 (2)
- ▶ Use screwdriver T20 to unscrew the screws and remove the swap bearing block. Fig. 23 (3)

For all appliances:

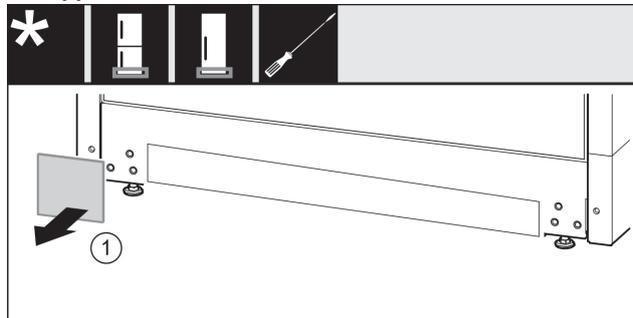


Fig. 24

- ▶ Remove the cover. Fig. 24 (1)

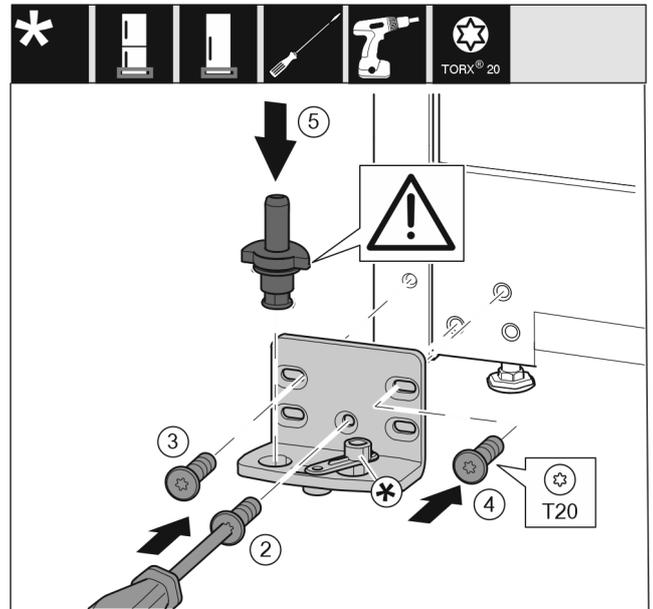


Fig. 25

- ▶ Place the swap bearing block on the other side and use a T20 screwdriver to screw it on. Start with screw 2 at the bottom in the middle. Fig. 25 (2)
- ▶ Tighten screws 3 and 4. Fig. 25 (3,4)
- ▶ Insert the bearing bolt completely. Ensure that the latching cam is pointing towards the rear. Fig. 25 (5)

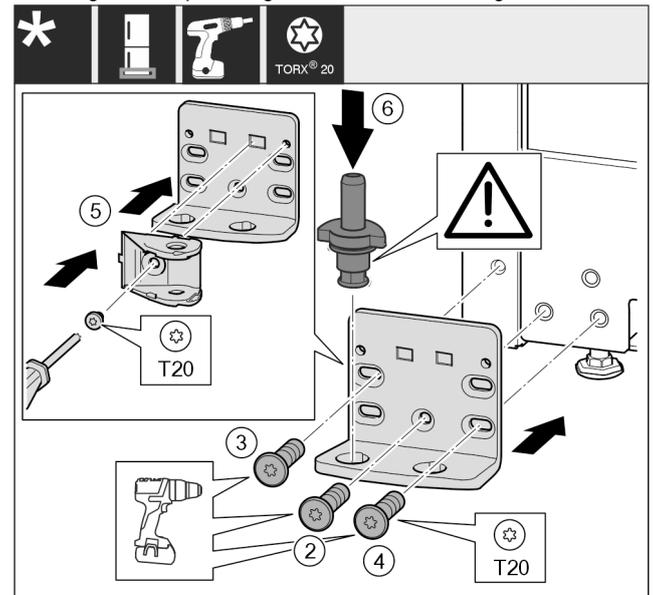


Fig. 26

- ▶ Place the swap bearing block on the other side and use a T20 screwdriver to screw it on. Start with screw 2 at the bottom in the middle. Fig. 26 (2)
- ▶ Tighten screws 3 and 4. Fig. 26 (3,4)
- ▶ Turn the closing damper connection by 180°. Use screwdriver T20 to screw it onto the other side of the swap bearing block. Fig. 26 (5)
- ▶ Insert the bearing bolt completely. Ensure that the latching cam is pointing towards the rear. Fig. 26 (6)

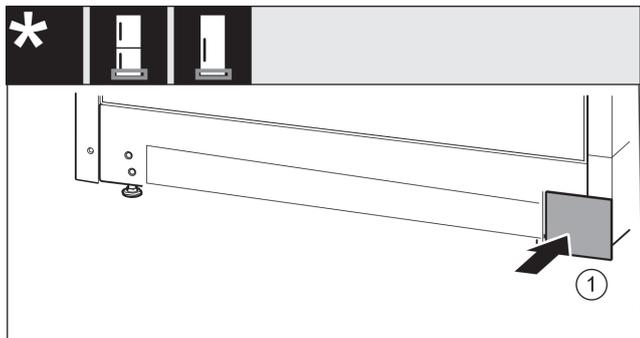


Fig. 27

► Re-attach the cover to the other side. Fig. 27 (1)

11.7 Relocating the handles*

For all appliances:

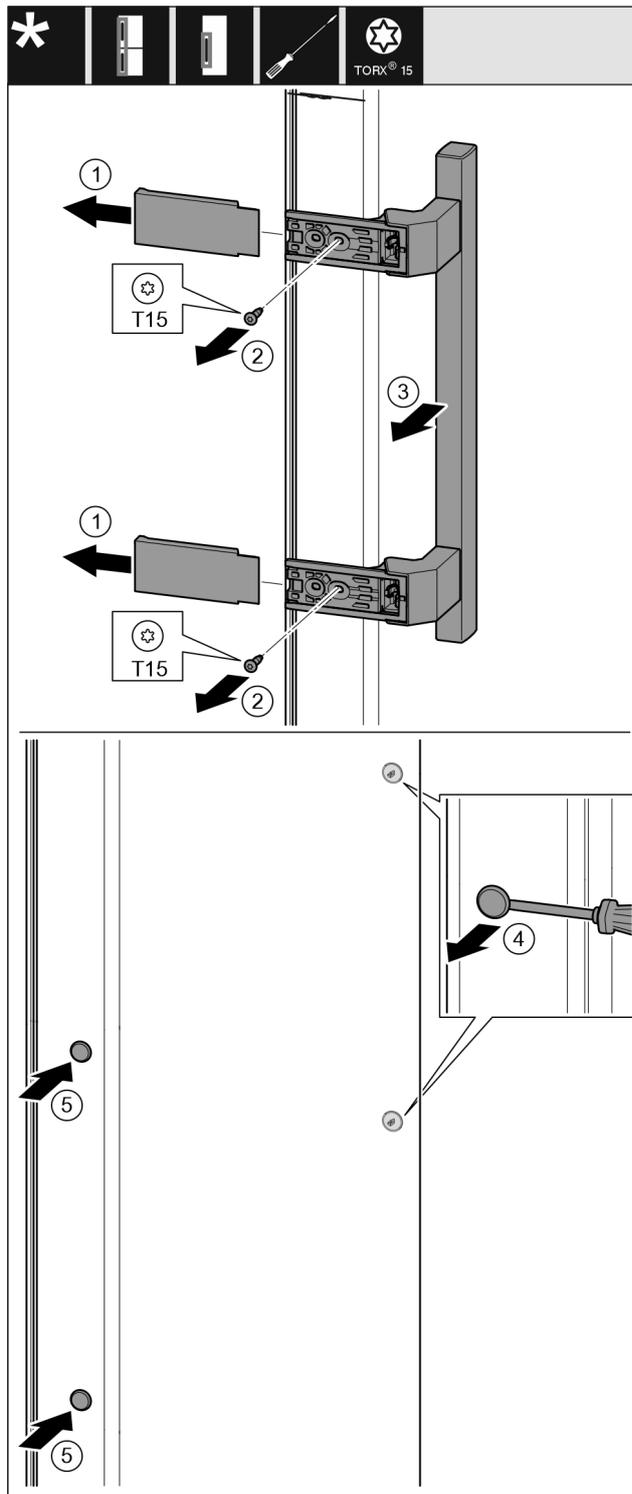


Fig. 28

- Remove the cover. Fig. 28 (1)
- Use screwdriver T15 to unscrew the screws. Fig. 28 (2)
- Remove the handle. Fig. 28 (3)
- Use a slotted screwdriver to lift the side plug carefully and pull it out. Fig. 28 (4)
- Re-insert the plug on the other side. Fig. 28 (5)

Swapping the door hinge side

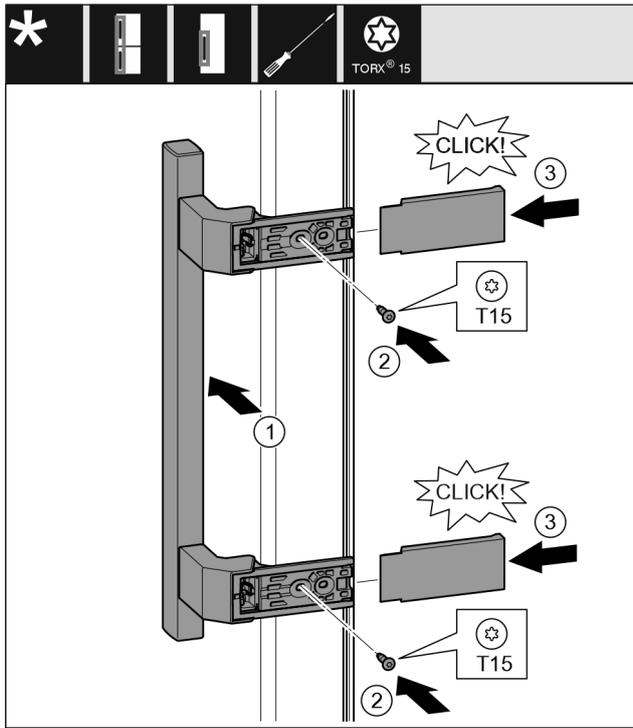


Fig. 29

- ▶ Place the handle on the opposite side. Fig. 29 (1)
- ▷ The screw holes must be exactly on top of each other.
- ▶ Use screwdriver T15 to tighten the screws. Fig. 29 (2)
- ▶ Place the covers on the side and push them on. Fig. 29 (3)
- ▷ Ensure that they latch into place.

11.8 Fitting the bottom door

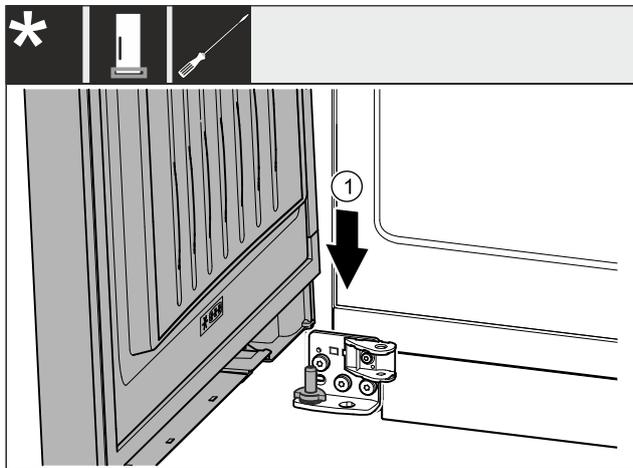


Fig. 30

- ▶ Lower the door onto the bottom bearing bolt. Fig. 30 (1)

11.9 Fitting the top door

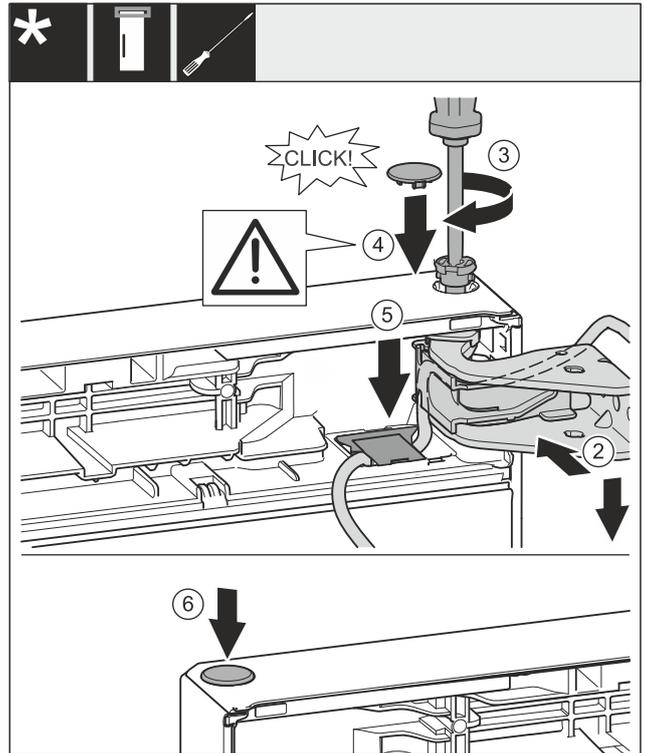


Fig. 31

- ▶ Align the top door with the opening in the swap bearing block. Fig. 31 (2)
- ▶ Insert the bolt and use screwdriver T15 to tighten it. Fig. 31 (3)
- ▶ Fit the safety cover to secure the door: Insert the safety cover and check whether the door is resting on it. Otherwise, insert the bolt fully. Fig. 31 (4)

NOTICE

Cable crushing

- ▶ The markings on the cable must be in the middle of the holder. The tab with the longer opening must point forwards.
- ▶ Insert the cover and push down until it engages. Fig. 31 (5)
- ▶ Insert the plug. Fig. 31 (6)

11.10 Fitting the cable connection

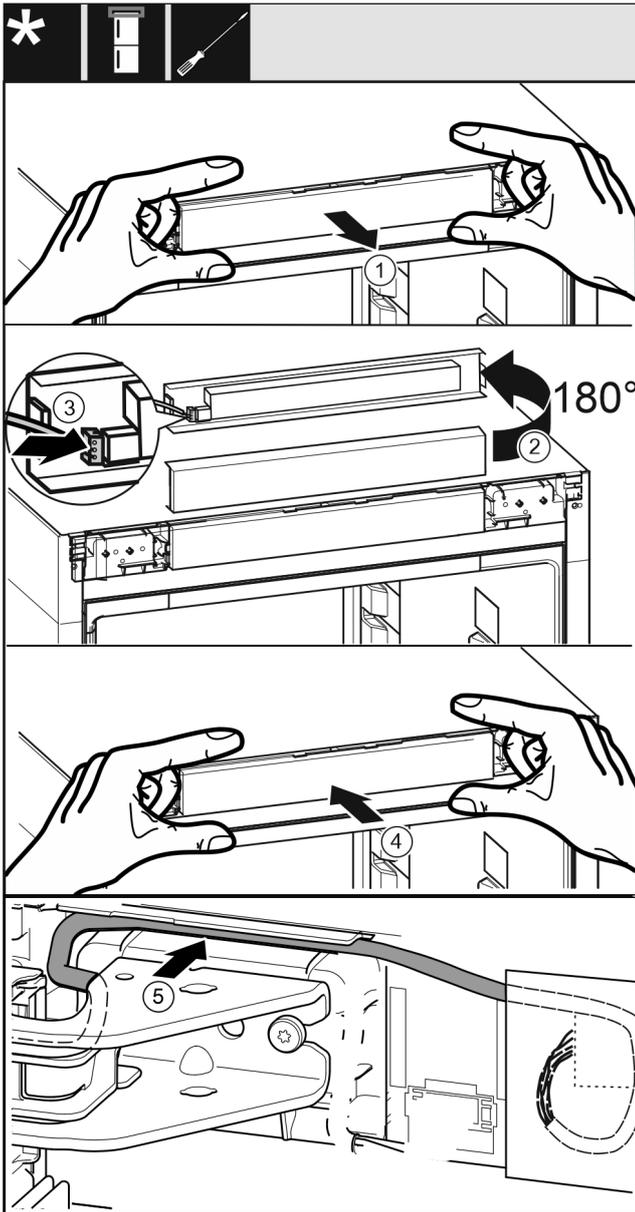


Fig. 32

- ▶ Remove the control panel trim carefully. Fig. 32 (1)
- ▶ Turn the trim up by 180°. Fig. 32 (2)
- ▶ Engage the plug on the control panel trim. Fig. 32 (3)
- ▶ Re-engage the control panel trim on the appliance. Fig. 32 (4)
- ▶ Lay the grey cable carefully in the guide above the top swap bearing block. Fig. 32 (5)

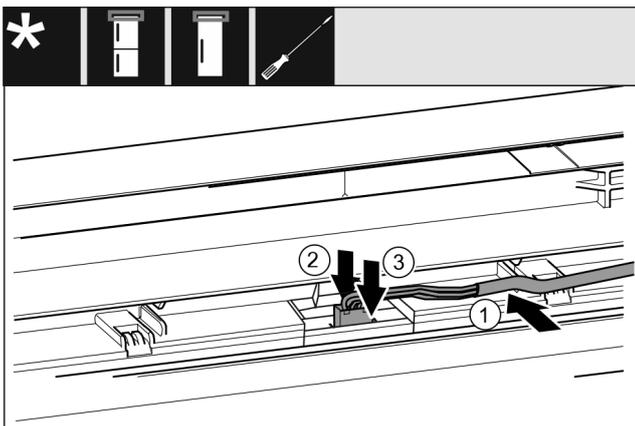


Fig. 33

- ▶ Insert the grey cable into the guide in the top door. Fig. 33 (1)
- ▶ Push the latching tab backwards. Fig. 33 (2)
- ▶ Engage the plug. Fig. 33 (3)
- ▶ Lay the remaining cable length as a loop in the guide if necessary.

11.11 Aligning the door

For all appliances:



WARNING

Danger of injury due to door falling out!

If the bearing parts are not screwed on tightly enough, the door may fall out. This can result in serious injuries. In addition, the door may not close with the result that the appliance does not cool properly.

- ▶ Screw the bearing brackets on firmly with 4 Nm.
- ▶ Check all screws and retighten them if necessary.
- ▶ Align the door flush with the appliance housing via the two slotted holes in the swap bearing block if necessary. To do this, use the enclosed T20 tool to unscrew the middle screw in the bottom swap bearing block. Use the T20 tool or a T20 screwdriver to loosen the remaining screws lightly and align via the slotted holes.
- ▶ Supporting the door: Use a size 10 open-ended spanner to unscrew the adjustable foot on the swap bearing block until it touches the floor, then turn by a further 90°.

11.12 Attaching the covers

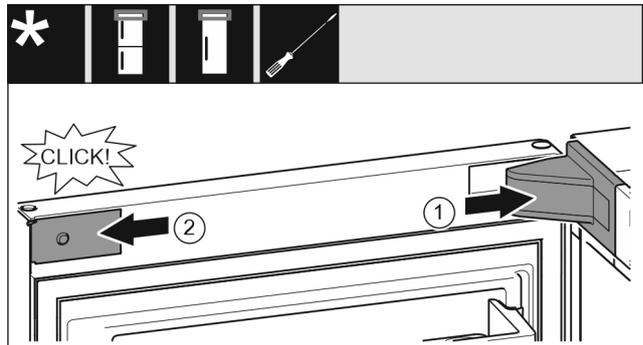


Fig. 34

- ▶ The door is opened by 90°.
- ▶ Put the swap bearing block cover on and engage, push apart carefully if required. Fig. 34 (1)
- ▶ Place the trim on the side and engage. Fig. 34 (2)

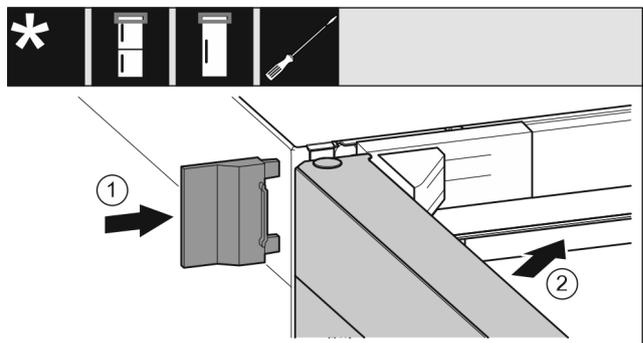


Fig. 35

- ▶ Push the outer cover on. Fig. 35 (1)

Connecting appliance

11.13 Fitting the closing damper

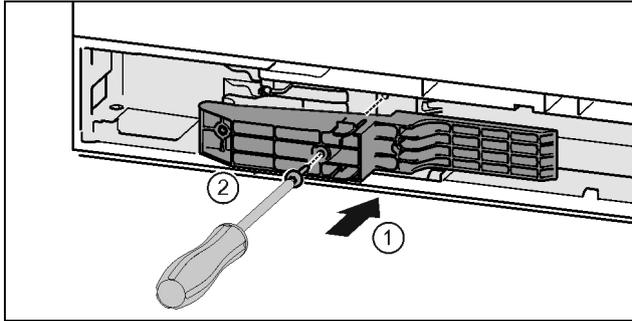


Fig. 36 *

- ▶ Insert the adapter into the recess on the handle side. Fig. 36 (1)*
- ▶ Use screwdriver T15 to tighten the screws. Fig. 36 (2)*

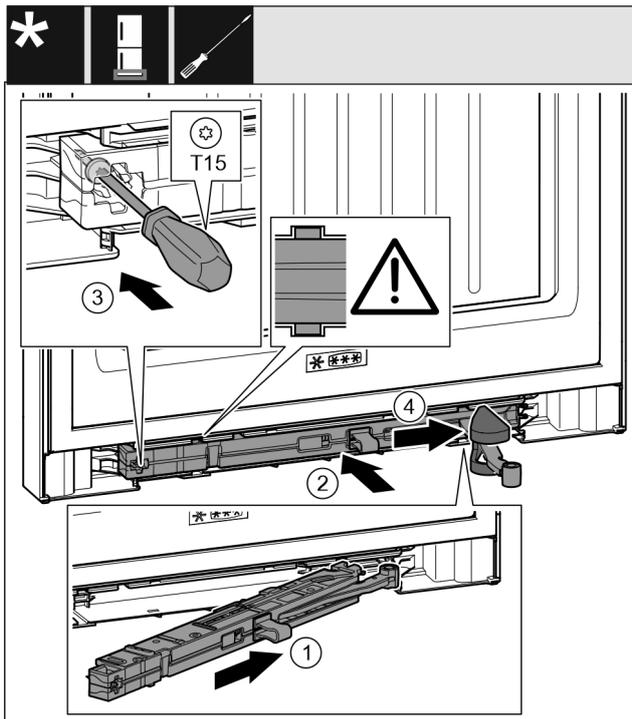


Fig. 37

- ▶ On the swap bearing block side, slide the closing damper unit into the recess at an angle up to the stop. Fig. 37 (1)
- ▶ Push the closing damper unit into the recess completely. Fig. 37 (2)
- ▷ The unit is positioned correctly if the closing damper unit's rib is in the guide.
- ▶ Use a T15 screwdriver to tighten the screw. Fig. 37 (3)
- ▶ Push the cover over the joint. Fig. 37 (4)

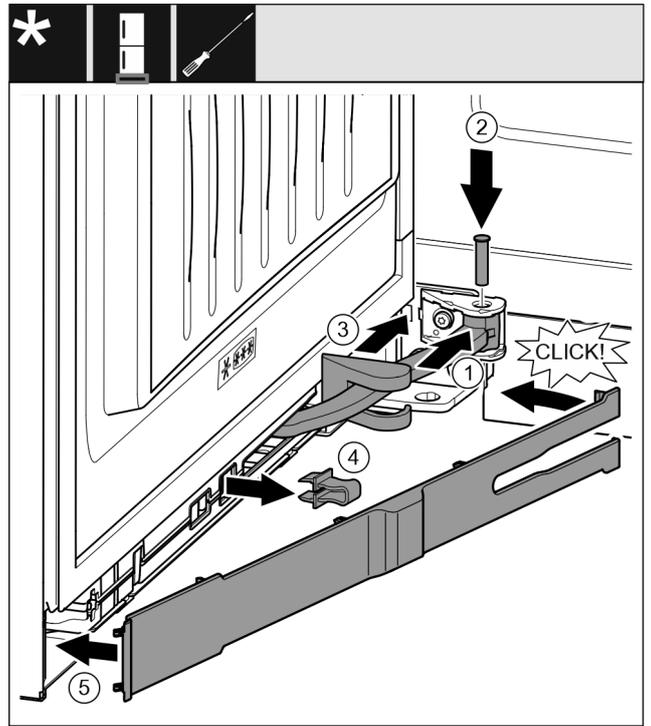


Fig. 38

The door is opened by 90°

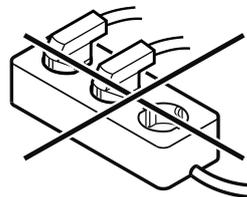
- ▶ Turn the joint in the attachment. Fig. 38 (1)
- ▶ Use a T15 screwdriver to insert the bolt into the attachment and the joint. Ensure that the latching cam is in the groove properly. Fig. 38 (2)
- ▶ Push the swap bearing block cover along the joint and use the attachment to fit it. Fig. 38 (3)
- ▶ Remove the safeguard. Fig. 38 (4)
- ▶ Place the trim on the handle side and swing in. Fig. 38 (5)
- ▷ The trim is engaged.
- ▶ Close the door.

12 Connecting appliance



WARNING

- Danger of fire due to incorrect connection!
Burns.
Damage to the appliance.
- ▶ Do not use an extension cable.
 - ▶ Do not use distributor blocks.



NOTICE

- Danger of damage to incorrect connection!
Damage to the appliance.
- ▶ Do not connect the appliance to a stand-alone inverter, e.g. solar power systems and petrol generators.

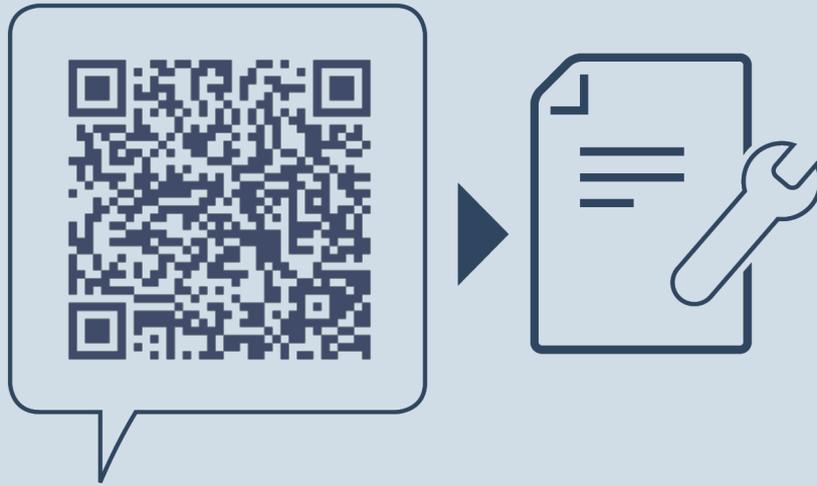
Note

Only use the supplied mains cable.

Make sure that the following requirements are fulfilled:

- The appliance operated using **alternating current** only.

- The permitted voltage and frequency is printed on the type plate. The type plate position can be seen in the appliance overview chapter.
- The socket is earthed according to the regulations and fused.
- The fuse tripping current is between 10 A and 16 A.
- The socket is easily accessible.
- ▶ Check the electrical connection.
- ▶ Insert the appliance plug into the back of the appliance. Ensure that they latch into place.
- ▶ Connect the mains plug to the power supply.
- ▷ The display switches to the standby symbol.



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