



Installation Guide

Quality, Design and Innovation





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LIEBHERR

General safety instructions

Contents

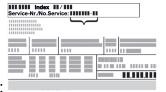
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The manufacturer is continually working on the further development of all types and models. Please be aware that we reserve the right to make changes to the shape, equipment and technology.

Explanation Symbol Read instructions Please read the information in these instructions carefully to understand all of the benefits of your new appliance. Full instructions on the internet You can find detailed instructions on the internet using the QR code on the front of these instruction or by entering the service number at home.liebherr.com/fridgemanuals. The service number can be found on the serial tag: Service-Nr./No.Service: Fig. Example illustration Check appliance Check all parts for transport damage. If you have any complaints, please contact your agent or customer service. Differences These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*). Instructions and results Instructions are marked with a >. Results are marked with a \triangleright . Videos Videos about the appliances are available on the YouTube channels of Liebherr-Hausgeräte.

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:

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

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

2 Installation dimensions

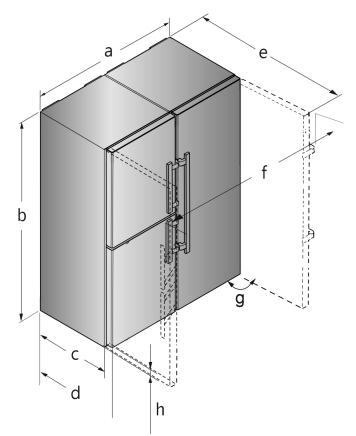


Fig. 1 Example illustration

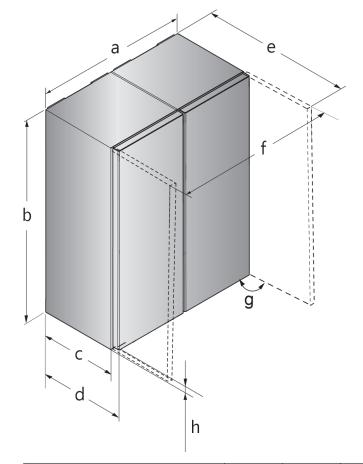


Fig. 2 Example illustration

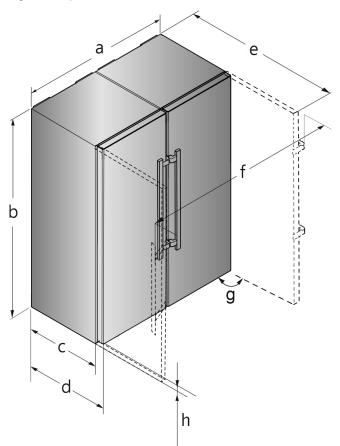


Fig. 3 Example illustration

For appliances with a lever handle

	а	b	С	d	е	f	h	g
S(BN)(CN)(FN)(sd)(st)(bd)(bs) 52(i)	1204 mm	1855 mm	611 mm ^x	675 mm ^x	1222 mm ^x	1318 mm	35 mm	90°

Transporting appliance

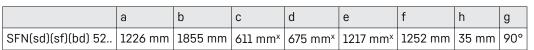
	а	b	С	d	е	f	h	g
CBN 76	1504 mm	1855 mm	611 mm ^x	675 mm ^x	1365 mm ^x	1618 mm	35 mm	90°

For appliances with a lever handle

 $^{\rm x}$ The use of wall spacers increases the dimensions by 15 mm .

The dimensions with an open door apply for an opening angle of 90°. The clearances vary depending on the opening angle.

For appl	liances with	recessed	grip
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For appliances with a recessed grip

 $^{\rm x}$ The use of wall spacers increases the dimensions by 15 mm .

The dimensions with an open door apply for an opening angle of 90°. The clearances vary depending on the opening angle.

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

3 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 sharpedged 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.

4 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.
- ► Take the power cable from the rear of the appliance. Remove the cable brackets when you do this, otherwise there will be noise caused by vibrations!

6 Side by side assembly

Set up the freezer or the appliance with the freezer compartment from the left when viewed from the front. These appliances are equipped with a side-wall heater on the right hand side to prevent condensation forming.

All the assembly components are supplied with the appliance.

Assembly parts in the accessory kit For appliances with lever handle

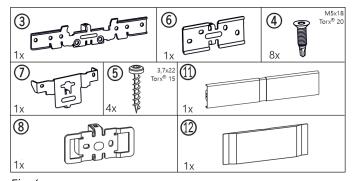


Fig. 4

For appliances with recessed grip

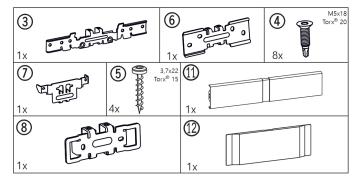


Fig. 5

For all appliances

5 Disposing of packaging



WARNING

Danger of suffocation due to packing material and plastic

▶ Do not allow children to play with packing material.

The packaging is made of recyclable materials:

- corrugated board/cardboard

Side by side assembly

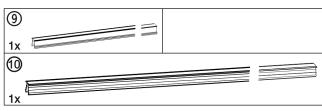


Fig. 6

For appliances with bottom soft stop mechanism Base trims

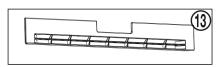


Fig. 7

Swap bearing block cover

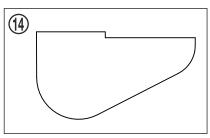


Fig. 8

For appliances without bottom soft stop mechanism Base trims

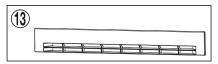


Fig. 9

Tool for assembly



Fig. 10

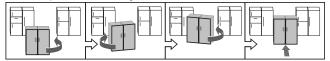
Ensure that the following tools are to hand:

- ☐ Size 10 open-ended spanner (supplied)
- □ Torx® 25/20/15 screwdriver
- Cordless screwdriver
- Spirit level

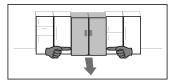
Information on moving the SBS combination:

- ☐ Set up the appliances as close to the final position as possible before assembly.
 - The appliances must be accessible on all sides for correct assembly.
- When moving the appliances after assembly, always take hold from the front outer corners. Never press your knee against the side walls or door.
- The SBS combination can be moved most easily when moved diagonally, that is by alternately pushing from the left and right corners.

If the combination is standing directly in front of the recess, push it in straight.



☐ If the combination has to be pulled out of the recess again, take hold of the bottom third of the combination and pull forward straight.



NOTICE

Risk of damage when moving the combined SBS appliance! The combined SBS appliance is heavy once assembled. The appliance may be dented by improper movement.

- ▶ Observe the information given on moving the appliance (see above).
- Take off all protective film from the exterior of the appliance.

Bottom front of the appliance:

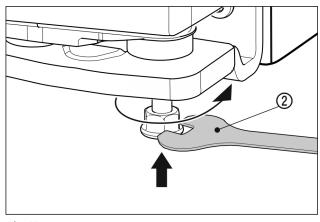


Fig. 11

► Tighten the outer adjusting feet. The appliances can be moved easier.

For appliances with lever handle

▶ Push both appliances so that they are approx. 10 mm apart from each other, and they are positioned flush facing forwards.

For appliances with recessed grip

- ▶ Push both appliances so that they are approx. 32 mm apart from each other, and they are positioned flush facing forwards.
- ► Straighten the appliances up using a spirit level on the top of the appliance.

Top front of the appliance:

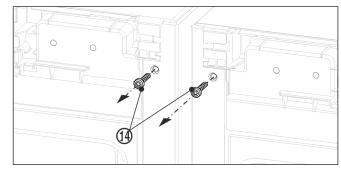


Fig. 12

- ► Remove the existing covers.
- ▶ Before fitting the top bracket remove both earthing screws Fig. 12 (14).
- ► Store the earthing screws safely. The screws will be necessary for fitting the bracket as shown below.

Side by side assembly

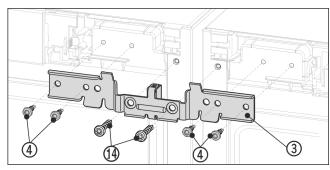


Fig. 13 Example illustration

- ▶ Slide the bracket *Fig. 13 (3)* onto the pins with the spacer between the appliances. Loosely screw in the brackets alternately right and left with four screws *Fig. 13 (4)* and the previously removed earthing screws *Fig. 13 (14)*.
- ▶ If necessary: Check the appliance is stood straight by laying a spirit level on the top of the appliance.

Bottom front of the appliance:

► Remove the existing covers.

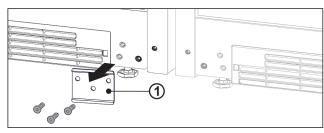


Fig. 14

▶ If the metal plate Fig. 14 (1) is installed, unscrew the metal plate.

Note

If you want to transport the appliance or set it up as an individual appliance, you must re-attach the metal plate.

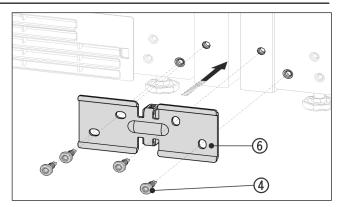


Fig. 15 Example illustration

- ▶ Slide the bracket *Fig. 15 (6)* on with the spacer between the appliances and screw in loosely with the 4 screws *Fig. 15 (4)*.
- ▶ If necessary: Set up the appliances so that they are level.
- ► Tighten the screws firmly at the top and bottom.

Top rear of the appliance:

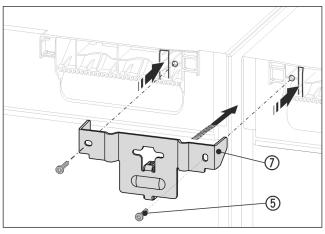


Fig. 16 Example illustration

▶ Slide the bracket Fig. 16 (7) onto the appliance ceiling with the lugs and with the spacer between the appliances. Screw in firmly with 2 screws Fig. 16 (5).

Bottom rear of the appliance:

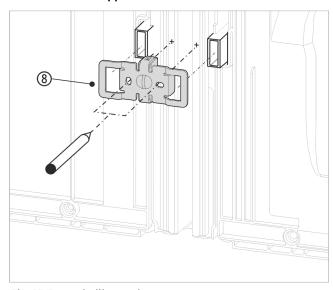


Fig. 17 Example illustration

▶ Slide the bracket Fig. 17 (8) on with the slots over the retainer for the wall spacers.

Note

Holes for the screws must be pre-drilled.

- ▶ Mark the position of the holes to be drilled with a pencil.
- ► Remove the bracket again.

Note

Only drill through the metal plate. Drill depth approx. 1 mm.

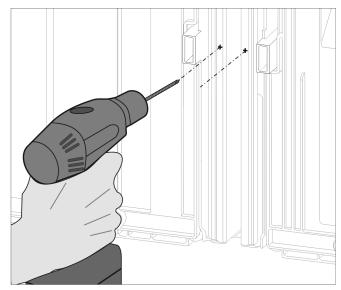


Fig. 18

▶ Pre-drill the screw holes with a 3 mm bit and deburr.

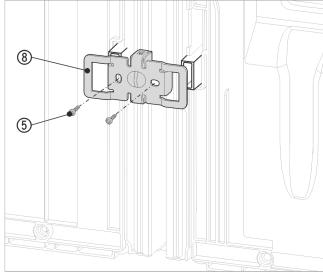


Fig. 19 Example illustration

- ▶ Slide the bracket *Fig. 19 (8)* on once more with the slots over the retainer for the wall spacers.
- Screw in tightly with the 2 screws Fig. 19 (5).

Before fitting the top and front cover strips, push the two bars together over the whole length. The strips can be inserted more easily into the gap. Use a soft cloth to push the strips in to avoid dents in the surface of the cover strips. Press the strips into the gap carefully and evenly in order to achieve an optimum bond.

For appliances with lever handle

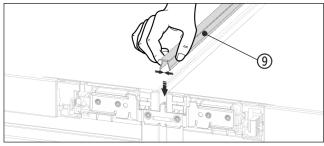


Fig. 20

▶ On the top press the short cover strip Fig. 20 (9) into the horizontal gap.

For appliances with recessed grip

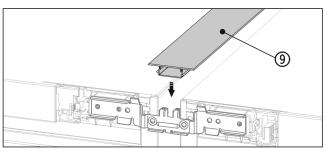


Fig. 21

▶ On the top press the short cover strip *Fig. 21 (9)* into the horizontal gap.

For appliances with lever handle

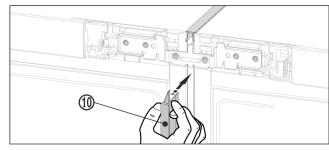


Fig. 22

▶ On the front, press the long cover strip Fig. 22 (10) into the vertical gap. Ensure that the strip rests on the connecting plate.

For appliances with recessed grip

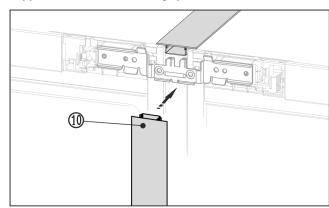


Fig. 23

- ▶ On the front, press the long cover strip Fig. 23 (10) into the vertical gap. Ensure that the strip rests on the connecting plate.
- ► Take off the protective film from the cover strip.*

Top front of the appliance:

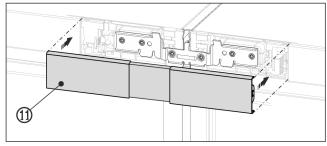


Fig. 24 Example illustration

▶ Snap the top cover Fig. 24 (11) onto the still open gap between the two control panel trims. Make sure that the outer sides of the cover form a flush finish with the control panel trims.

Bottom front of the appliance

Side by side assembly

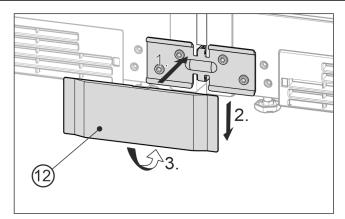


Fig. 25 Example illustration

- ▶ Place the bottom cover *Fig. 25 (12)* onto the bracket from the front *Fig. 25 (1)*, slide it down *Fig. 25 (2)* and snap it in at the bottom *Fig. 25 (3)*.
- ► To disassemble the cover, insert a screwdriver at the bottom on the side below the cover and release both lower hooks. The cover can swing out upwards.
- Connect the combination electrically. See the installation guide.
 - Appliances with IceMaker or InfinitySpring:
- ► Connect the appliance to the fixed water connection. See the installation guide.

NOTICE

Risk of damage when moving the combined SBS appliance! The combined SBS appliance is heavy once assembled. The appliance may be dented by improper movement.

- ▶ Observe the information given on moving the appliance (see above).
- ► Carefully push the SBS combination into the specified position.
- ▶ If necessary, align the SBS combination using the levelling feet.
- ▶ Then prop up the door: Lower outer adjusting feet on the bearing bracket until they are resting on the floor.

The doors can be straightened at height on the outer lower bearing brackets:

▶ Open the door to 90°.

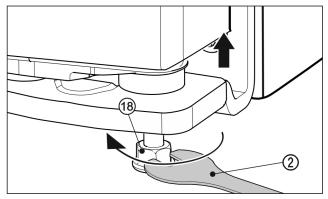


Fig. 26

▶ To lift the door, unscrew the adjusting foot Fig. 26 (18) clockwise using the supplied open-ended spanner Fig. 26 (2) until the foot makes contact with the floor. Then continue turning until the door is adjusted to the right height. When delivered, the bearing pin is completely screwed in.

Fit decorative base trim.

After you have assembled and straightened out the appliances, the base trims can be fitted at the bottom of the appliances. The base trims are decorative and will not affect the functionality of the appliances.

For appliances with bottom soft stop mechanism

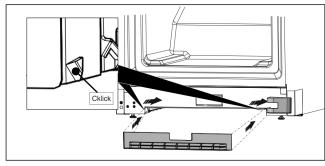


Fig. 27

► Attach the base trim to the bottom of the appliance in the recess.

Note

The base trim must be pushed to a little behind the bearing bracket cover.

For appliances without bottom soft stop mechanism

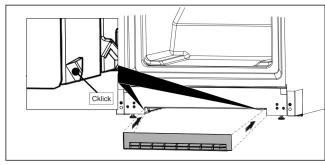


Fig. 28

Secure the base trim recess at the bottom of the appliance, as shown in the figure.



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EN

Side-by-Side combinations





Installation Guide

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General safety instructions

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2	Installation dimensions
3	Ventilation requirements
4	Transporting appliance
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Symbol

Explanation



Read instructions

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Full instructions on the internet

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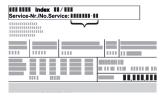


Fig. Example illustration



Check appliance

Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.



Differences

These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (*).



Instructions and results

Instructions are marked with a \triangleright . Results are marked with a \triangleright .

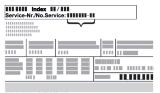


Videos

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- 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:

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3

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8

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À	WARNING	identifies a dangerous situation which, if not obviated, may result in death or severe bodily injury.
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2 Installation dimensions

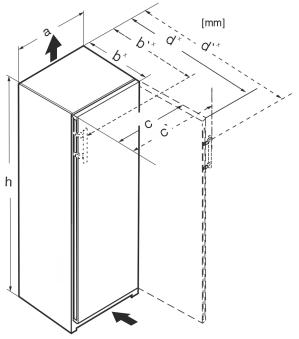


Fig. 1

	h	а	b	b'	С	c'	d	d'
R 42	1255	597	675×	_	609	_	1217×	_
R 46	1455	597	675×	_	609	_	1217×	_
Kf 46Z00	1455	597	675×	_	609	_	1217×	_
R 50	1655	597	675×	_	609	_	1217×	_
R(B) 52	1855	597	675×	_	609	_	1217×	_
Ksfe 52Z20	1855	597	675×	_	609	_	1217×	_
SR(B) 5220	1855	597	675×	_	609	_	1217×	_
SRsdh 5220	1855	597	675×	719×	609	654	1217×	1222
SR 5230	1855	597	675×	719×	609	654	1215 ^x	1222
RD 52	1855	597	675×	_	609	_	1217×	_

^x For appliances with supplied wall spacers, the dimensions must be increased by 15 mm .

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.

- 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.
- ► Take the power cable from the rear of the appliance. Remove the cable brackets when you do this, otherwise there will be noise caused by vibrations!

6 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.

7 Door hinge change

Tools











Fig. 2

4 Transporting appliance

Note when transporting the appliance:

Door hinge change



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.

These sections apply for appliances without a soft stop mechanism:

- ☐ For appliances without a soft stop mechanism
- ☐ For all appliances

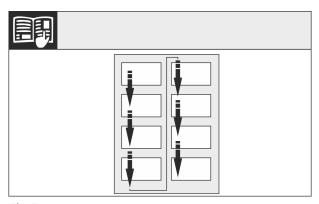


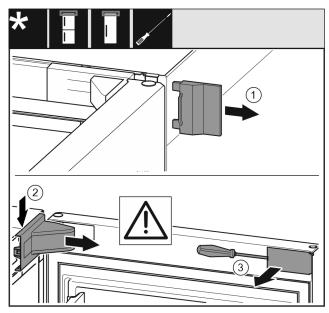
Fig. 3 Remember the reading direction.

7.1 Removing the door

Note

Remove any food from the door racks before removing the door, so that no food falls out.

For appliances without a soft stop:



▶ 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. 4 (1)
 Disengage and release the bearing bracket cover. Remove the bearing bracket cover. Fig. 4 (2)
- Unlatch the panel with a slotted screwdriver and swivel it to one side. Fig. 4 (3)

For all appliances:

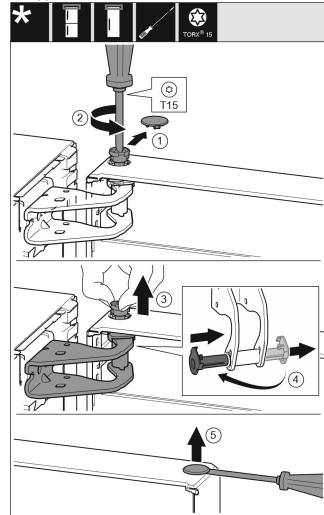


Fig. 5



CAUTION

Risk of injury if the door tips!

- Take good hold of the door.
- Set down the door carefully.
- Carefully remove the protective cover. Fig. 5 (1)
- Undo the bolt a little with a T15 screwdriver. Fig. 5 (2)
- Hold the door and remove the bolts with your fingers. Fig. 5 (3)
- Pull the bearing bush out of the guide. Insert from the other side and latch into place. Fig. 5 (4)
- Lift the door and place it to one side.
- Carefully lift the plugs out of the door bearing bush with a slotted screwdriver and pull them out. Fig. 5 (5)

7.2 Moving the upper bearing parts to the other side

For all appliances:

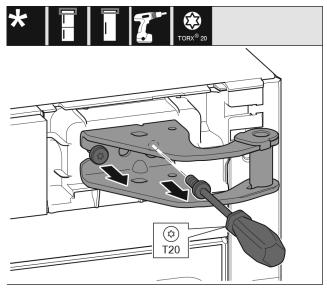


Fig. 6

- Remove both screws with a T20 screwdriver.
- Lift up and remove the bearing bracket.

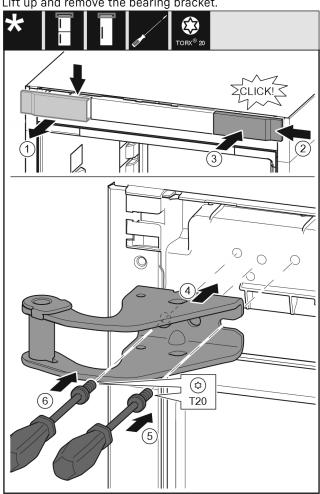


Fig. 7

- Take off the cover from above to the front. Fig. 7 (1)
- Rotate the cover 180° and clip onto the other side from the right. Fig. 7 (2)
- Latch the cover into place. Fig. 7 (3)
- Position the upper bearing bracket. Fig. 7 (4)

- ▶ Insert the screw with a T20 screwdriver and tighten it. Fig. 7 (5)
- ▶ Insert the screw with a T20 screwdriver and tighten it. Fig. 7 (6)

7.3 Moving the lower bearing parts to the other side

For all appliances:

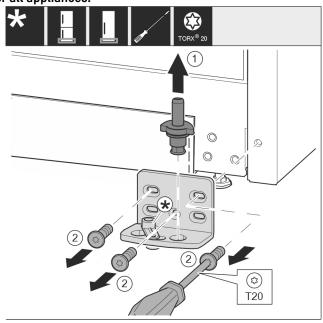
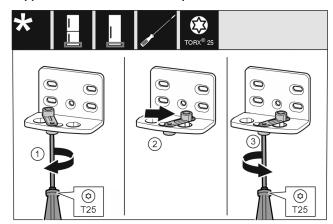


Fig. 8

- ▶ Lift the bearing pin completely upward and pull it out. Fig. 8 (1)
- Take out the screws with a T20 screwdriver and take off the bearing bracket. Fig. 8 (2)

For appliances without a soft stop:



- ▶ Loosen the screw using a T25 screwdriver. Fig. 9 (1)
- Lift the door closing aid and turn it 90° to the right in the
- ▶ Tighten the screw using a T25 screwdriver. Fig. 9 (3)

For all appliances:

Door hinge change

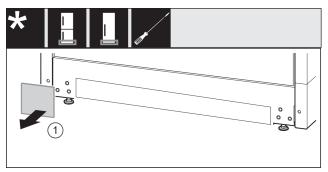


Fig. 10

Remove the cover. Fig. 10 (1)

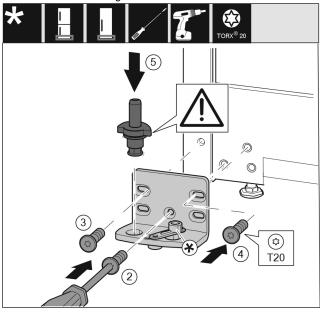


Fig. 11

- ▶ Place the bearing bracket on the other side and screw it on with a T20 screwdriver. Start with screw 2 at the bottom in the middle. Fig. 11 (2)
- ► Screw in screws 3 and 4 tightly. Fig. 11 (3,4)
- ▶ Insert the bearing pin completely. Make sure that the latching lug is pointing to the rear. Fig. 11 (5)

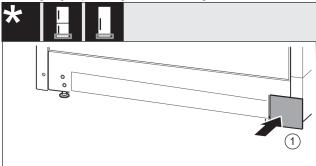
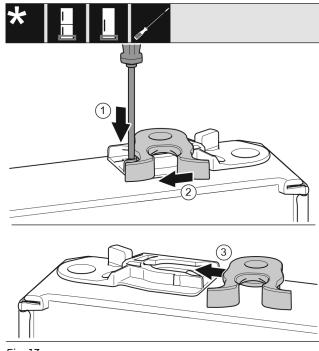


Fig. 12

▶ Put the cover back on the other side. Fig. 12 (1)

7.4 Moving the door bearing parts to the other side

For appliances without a soft stop:



Fia. 13

- ► The bottom side of door faces upwards: Turn the door.
- ► Push the lug downwards with a slotted screwdriver. Fig. 13 (1)
- ▶ Pull the door latch out of the guide. Fig. 13 (2)
- ► Push the door latch into the guide on the other side. Fig. 13 (3)
- ▶ The upper side of door faces upwards: Turn the door.

7.5 Moving the handles to the other side

For all appliances:

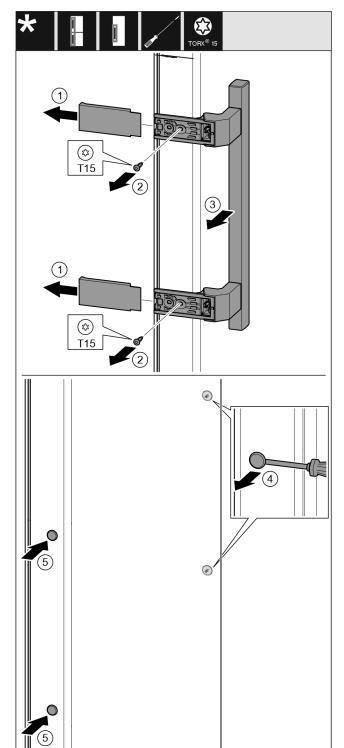


Fig. 14

- ▶ Pull off the cover. Fig. 14 (1)
- ▶ Remove the screws with a T15 screwdriver. Fig. 14 (2)
- ► Take off the handle. Fig. 14 (3)
- ► Carefully lift up the side plugs with a slotted screwdriver and pull them out. Fig. 14 (4)
- ▶ Insert the plugs again on the other side. Fig. 14 (5)

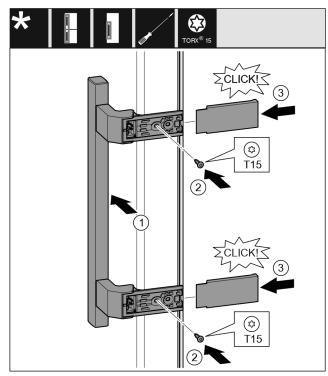


Fig. 15

- ▶ Position the handle on the other side. Fig. 15 (1)
- > The screw holes must be exactly above each other.
- ▶ Tighten the screw with a T15 screwdriver. Fig. 15 (2)
- ► Position the covers on the side and push them on. Fig. 15 (3)
- ▷ Ensure that they latch into place.

7.6 Fitting the door

For all appliances:

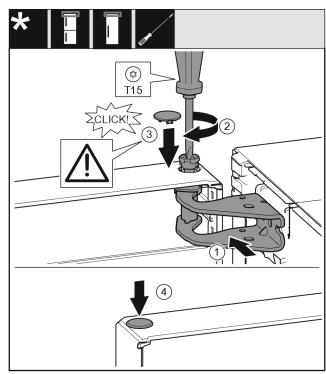


Fig. 16

- ▶ Place the door on the lower bearing pins.
- ▶ Align the top of the door with opening in the bearing bracket. Fig. 16 (1)
- ▶ Insert the bolt and tighten with a T15 screwdriver. Fig. 16 (2)

Door hinge change

- ▶ Fit the protective cover to protect the door: Insert the protective cover and check that it is flush to the door. If not, insert the bolt fully. Fig. 16 (3)
- ► Insert the plugs. Fig. 16 (4)

7.7 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 doors flush with the appliance housing using the two slots in the bearing bracket if needed. To do this undo the middle screw in the bottom bearing bracket with the T20 tool supplied. Undo the remaining screws a little with the T20 tool or with a T20 screwdriver and align using the slotted holes.
- ▶ Prop up the door: Take off the adjustable foot on the bearing bracket using the open-ended wrench SW10 until it comes into contact with the floor, then turn an additional 90°.

7.8 Fitting the covers

For appliances without a soft stop:

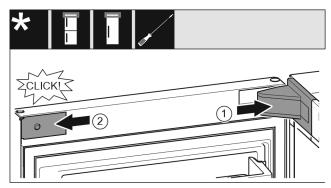


Fig. 17

The door is open 90°.

- ▶ Position the bearing bracket and latch it in place. If necessary push it apart carefully. Fig. 17 (1)
- Position the panel on the side and latch into place. Fig. 17 (2)

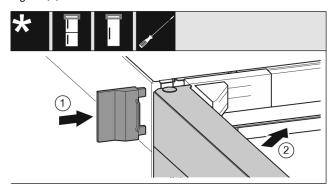


Fig. 18

- ► Slide on the outer cover. Fig. 18 (1)
- ► Close the upper door. Fig. 18 (2)



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