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# uals LIEBHERRR

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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					
	<b>Read instructions</b> Please read the information in these instruc- tions carefully to understand all of the benefits of your new appliance.					
Additional information on the Internet The digital manual with additional inform can be found via the QR code on the fr the manual or by entering the service n at home.liebherr.com/fridge-manuals. The service number can be found on the tag:						
	Fig. Example illustration					
	<b>Check appliance</b> Check all parts for transport damage. If you have any complaints, please contact your agent or customer service.					

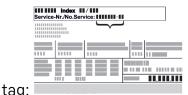
### Symbol Explanation Differences These instructions apply to a range of models, so differences are possible. Sections that apply to certain models only are marked with an asterisk (\*). Instructions and results Instructions are marked with a $\triangleright$ . Results are marked with a $\triangleright$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

#### **Open source licences:**

The appliance contains software components that use open source licences. Information on the open source licences used can be found here: home.liebherr.com/ open-source-licences

### **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



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

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



### 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.

Intended use

- Install and use the appliance in indoor spaces only.

### 2.1 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.
- If the appliance is installed in a very humid environment, condensation can build up on the outside of the unit. Always ensure good airlow and ventilation in the installation location.
- The more refrigerant there is in the appliance, the larger the space that 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 m<sup>3</sup> . Information regarding the coolant can be found on the serial tag inside the appliance.

### 2.1.1 Supporting floor

- The floor of the installation site must be horizontal and even.
- The surface supporting the appliance must be at the same level as the surrounding floor.

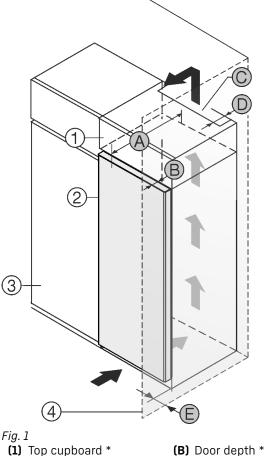
### 2.1.2 Positioning

- Do not place the appliance in direct sunlight or near radiators or similar sources of heat.
- You can place the appliance directly next to an oven.

- If the appliance is placed directly next to an oven, the energy consumption may increase slightly. This is dependent on the service life and usage intensity of the oven
- Install the appliance with the rear panel up against the wall and always use the supplied wall spacers (see below).

### 2.2 Building the appliance into kitchen units

You can install kitchen cabinets around the appliance.



- (1) Top cupboard \*
- (2) Appliance \*
- (C) Ventilation cross section
- (3) Kitchen cabinet \*
- (4) Wall \*
- (D) Distance to the back of the appliance \* (E) Distance to the side of
- the appliance \*
- (A) Appliance depth \*

You can place the appliance directly beside the kitchen cabinet Fig. 1 (3).\*

There must be a ventilation shaft at the depth Fig. 1 (D) of the back of the top cupboard over the entire width of the top cupboard.\*

The ventilation cross-section Fig. 1 (C) must be maintained under the ceiling.\*

If the appliance is set up with the hinges next to a wall Fig. 1 (4), the distance between the appliance and the wall must be at least 13 mm .\*

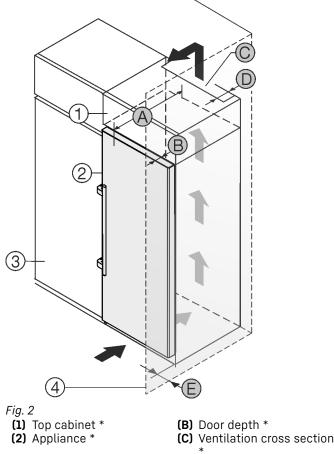
If the appliance is set up with the hinges next to a wall Fig. 1 (4), the distance between the appliance and the wall must be at least 20 mm .\*

# Installation conditions

In order to be able to fully open the door, the appliance must protrude by the depth of the door *Fig. 1 (B)* from the front of the kitchen cabinet. The appliance may protrude further depending on the depth of the kitchen cabinets *Fig. 1 (3)* and whether wall spacers are used.\*

Appliances without handle / with recessed grip:*				
А	675 mm ×			
В	75 mm			
С	Min. 300 cm <sup>2</sup>			
D	Min. 50 mm			
E	Min. 13 mm			

 $^{\rm x}$  The use of wall spacers increases the dimensions by 15 mm (see 8 Mounting wall spacers) .\*



(3) Kitchen cabinet \*

(4) Wall \*

- (D) Distance to the back of the appliance \*
- (E) Distance to the side of the appliance \*
- (A) Appliance depth \*

You can place the appliance directly beside the kitchen cabinet *Fig. 2 (3).*\*

There must be a ventilation shaft at the depth Fig. 2 (D) of the back of the top cupboard over the entire width of the top cupboard.\*

The ventilation cross-section Fig. 2 (C) must be maintained under the ceiling.\*

If the appliance is set up with the hinges next to a wall *Fig. 2 (4)*, the distance between the appliance and the wall must be at least 57 mm. This is how far the handle protrudes when the door is open.\*

In order to be able to fully open the door, the appliance must protrude by the depth of the door *Fig. 2 (B)* from the front of the kitchen cabinet. The appliance may protrude further depending on the depth of the kitchen cabinets *Fig. 2 (3)* and whether wall spacers are used.\*

Appliances with lever handle:*			
A	675 mm ×		
В	75 mm		
С	Min. 300 cm <sup>2</sup>		
D	Min. 50 mm		
E	Min. 57 mm		

 $^{\times}$  The use of wall spacers increases the dimensions by 15 mm (see 8 Mounting wall spacers) .\*

#### Note

Please contact Customer Services to acquire a kit to limit the door opening angle to 90° for appliances with soft close mechanisms.

Ensure that the following conditions are met:

- Recess dimensions are adhered to .
- Ventilation requirements are complied with (see 4 Ventilation requirements) .

### 2.3 Installing multiple appliances

The appliances have been developed for different installation methods. If you wish to install several appliances next to each other or on top of each other, ensure that the following requirements are met:

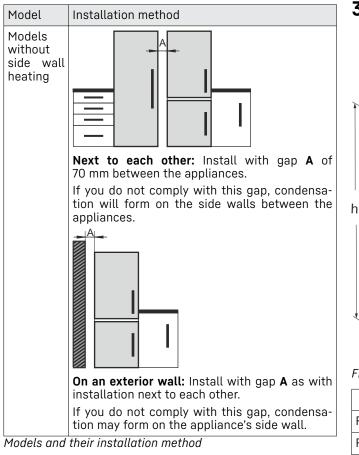
- Only install appliances next to or on top of each other if they have been developed for this.
- Observe notices and the following table.

#### NOTICE

Risk of damage due to condensate!

Do not place the appliance directly next to another cooling/refrigeration unit.

Model	Installation method
All models	Standalone
Models with a model designa- tion starting with <b>S</b> .	Side-by-Side (SBS)



Assemble the appliances according to the separate installation instructions.

### 2.4 Mains connection

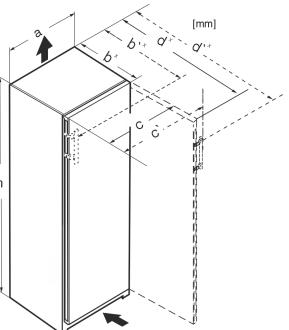


Danger of fire due to incorrect positioning!

If the mains cable or plug touches the back of the appliance, the vibration can damage the mains cable or the plug resulting in a short circuit.

- ► Make sure the mains cable is not trapped under the appliance when you position the appliance.
- Stand the appliance so that it is not touched by connectors or main cables.
- 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** Installation dimensions



	h	а	b	b'	С	с'	d	d'
RB 4250	1255	597	675×	719×	609	654	1215×	1222×
R 5250	1855	597	675×	719×	609	654	1215×	1222×
SR(B) 525 (i)	1855	597	675 <sup>×</sup>	719×	609	654	1215×	1222×
RB 528(i)	1855	597	675 <sup>x</sup>	-	609	-	1217×	_
SRB 528(i)	1855	597	675 <sup>x</sup>	-	609	-	1217×	_
SRB 529i	1855	597	675 <sup>x</sup>	719×	609	654	1215×	1222×
SRB 526(i)	1855	597	675 <sup>x</sup>	719×	609	654	1215×	1222×

 $^{\rm x}$  For appliances with supplied wall spacers, the dimensions must be increased by 15 mm (see 8 Mounting wall spacers) .

# 4 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:

- As a rule, the larger the ventilation space the more efficiently the appliance can run.

# 5 Connection dimensions for the power supply

The connection to the power supply is on the rear of the appliance. To connect your appliance safely, ensure that the following requirements are met:

- □ Dimensions for the connection to the power supply are known and are adhered to. See table below.
- Connection to the power supply according to the instructions. (see 14 Connecting the appliance to the power supply)

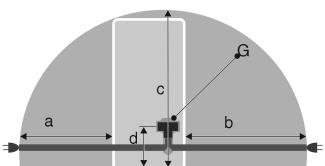


Fig. 4 Refrigerators

- (a) Maximum available length of the mains connection cable
- (b) Maximum available length of the mains connection cable(c) Maximum available
- vertical length of the mains connection cable
- (d) Gap between appliance plug and floor
- (G) Appliance plug

 cable

 For 600 mm wide appliances:

 a
 ~ 1350 mm

 b
 ~ 1800 mm

 c
 ~ 2050 mm

 d
 ~ 150 mm

# 6 Transporting appliance

### 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.

# 7 Unpacking the appliance

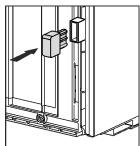
Before you connect the appliance, report any damage immediately to the delivery company.

- 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.

### 8 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 enclosed wall spacers: Insert the wall spacers on the rear of the appliance at the bottom left and right.

# 9 Setting up the appliance

# 

Risk of injury due to heavy appliance!

 Have two people transport the appliance to its installation site.

# 

Risk of fire due to short circuit!

- When you set the appliance up: do not kink, jam or damage the mains cable.
- The appliance must not be operated with a defective mains cable.

### 

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

The appliance can topple over.

Secure the appliance as described in the instructions.

# 

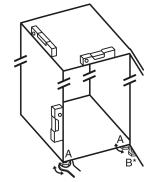
Fire hazard and danger of damage!

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.
- $\hfill\square$  Only install the appliance with help.
- ▶ Remove the mains cable from the package.
- Plug the mains cable's IEC socket completely into the appliance plug on the back of the appliance. Ensure that the IEC socket is tight.
- Use a cord to lay the mains plug to a freely accessible socket if required.

# 10 Setting up the appliance so that it is level



#### Fig. 5

Unscrew the adjustable feet Fig. 5 (A) using the enclosed open-end spanner and a spirit level until the appliance is firmly aligned and level.

# 

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 swap bearing block as instructed.
- ▶ Unscrew the adjustable foot *Fig. 5 (B)* on the swap bearing block with the enclosed open-end spanner until it rests on the floor.
- ▶ Turn the adjustable foot *Fig. 5 (B)* 90° further.
- $\triangleright$  The appliance is aligned.

### 11 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.

# 12 Disposing of packaging

# 

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.

### 13 Door hinge change



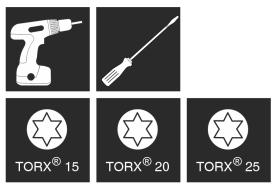


Fig. 6

#### NOTICE

Risk of damage due to door collision!

Damage to the appliances with Side-by-Side positioning. If you set up two appliances next to each other in a specific Side-by-Sidearrangement, the door hinge of both appliances is preset at the factory.

Side-by-Side positioning: Do not change the door hinge.

These sections apply for appliances with a soft stop mechanism:

For appliances with a soft stop mechanism
 For all appliances

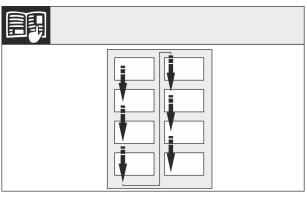
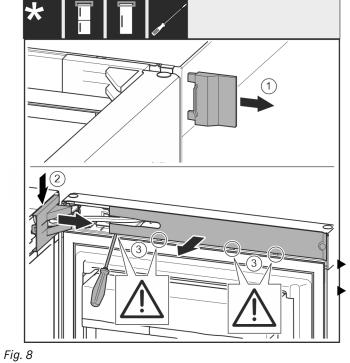


Fig. 7

Remember the reading direction.

### 13.1 Removing the soft stop mechanism

For appliances with a soft stop mechanism:



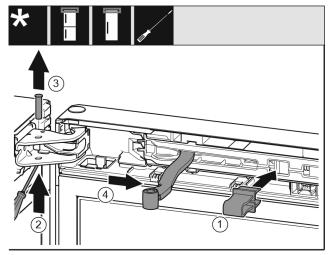
▶ Open the door.

### 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 cover Fig. 8 (1).
   Disengage and loosen the swap bearing block cover Fig. 8 (2).
- Remove the swap bearing block cover Fig. 8 (2).
- Use a slotted screwdriver to unlatch the trim Fig. 8 (3) and swing it to the side.

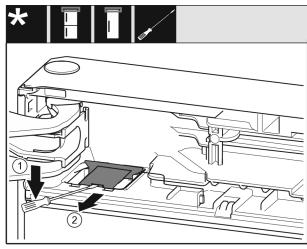




# CAUTION

Crushing hazard by joint folding up! Engage safety device.

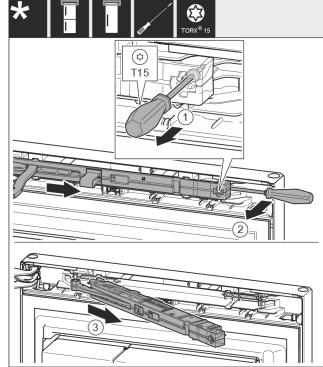
- Latch safeguard *Fig. 9 (1)* into opening.
- Slide out the bolt *Fig. 9 (2)*.
  Remove the bolt *Fig. 9 (3)* upwards.
- Turn the joint *Fig. 9* (4) towards the door.



### Fig. 10

Use a flat-blade screwdriver to disengage the cover Fig. 10 (1).

Remove the cover Fig. 10 (2).



### Fig. 11

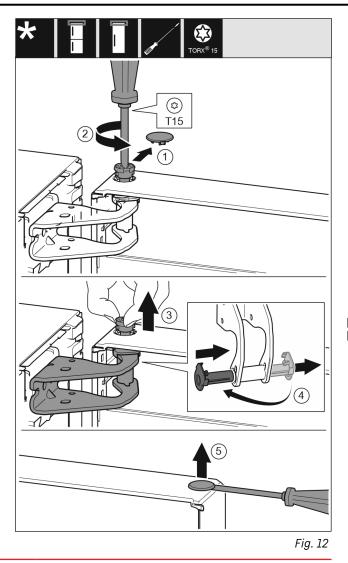
- Use screwdriver to loosen the screw Fig. 11 (1) on the closing damper unit by 14 mm.
- Lever the closing damper unit Fig. 11 (2) forwards on the handle side using a screwdriver.
- ▶ Pull out the closing damper unit Fig. 11 (3).

### 13.2 Removing the door

#### Note

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

For all appliances:



# 

Risk of injury if the door tips!

- Take good hold of the door.
- Set down the door carefully.
- ▶ Lift the door and place it to one side.

# **13.3** Moving the upper bearing parts to the other side

For all appliances:



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.

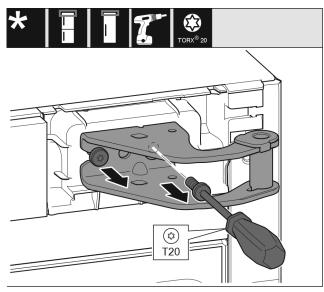
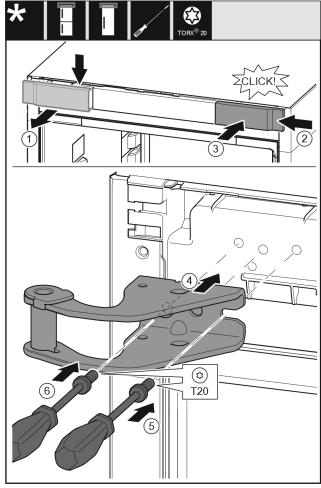


Fig. 13

- Use screwdriver to unscrew both screws.
- Lift up and remove the bearing bracket.



- ▶ Remove the cover *Fig. 14 (1)* from above towards the front.
- Turn the cover *Fig. 14 (2)* by 180° and attach to the other side from the right.
- Engage the cover *Fig. 14 (3)*.
- Place the top swap bearing block Fig. 14 (4).
- Use screwdriver Fig. 14 (5) to place the screw and tighten it.
- Use screwdriver Fig. 14 (6) to place the screw and tighten it.

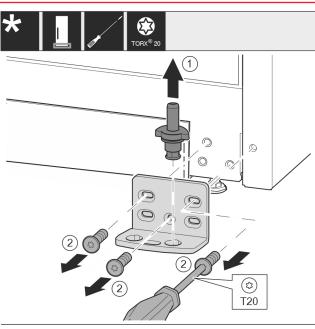
### 13.4 Moving the lower bearing parts to the other side

For all appliances:



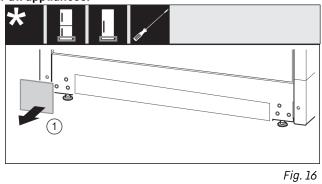
Danger of injury due to door falling out! If the bearing parts are not screwed on tightly enough, the door may fall out. This can result in serious injuries. In addition, the door may not close with the result that the appliance does not cool properly.

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



- Fig. 15
- ▶ Pull the bearing bolt *Fig. 15 (1)* out upwards completely.
- Use screwdriver to unscrew the screws Fig. 15 (2) and remove the swap bearing block.

#### For all appliances:



Remove cover Fig. 16 (1).

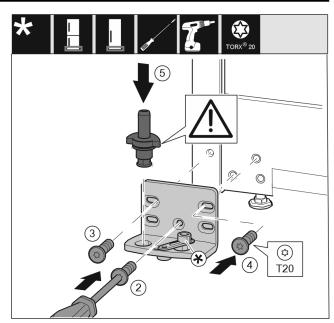
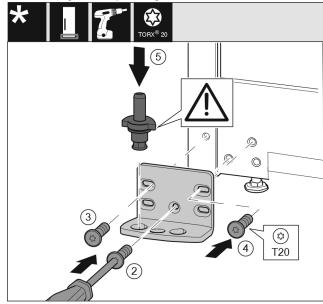


Fig. 17

- ► Place the swap bearing block on the other side and use a screwdriver to screw it on. Start with the screw Fig. 17 (2) at the bottom in the middle.
- Tighten screw Fig. 17 (3) and screw Fig. 17 (4).
- Insert the bearing bolt Fig. 17 (5) completely. Ensure that the latching cam is pointing towards the rear.



- Place the swap bearing block on the other side and use a screwdriver to screw it on. Start with the screw Fig. 18 (2) at the bottom in the middle.
- Tighten screw Fig. 18 (3) and screw Fig. 18 (4).
- Insert the bearing bolt Fig. 18 (5) completely. Ensure that the latching cam is pointing towards the rear.

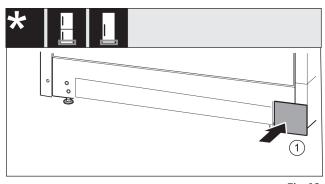
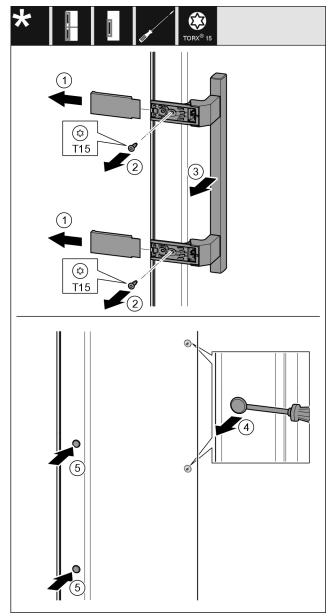


Fig. 19

▶ Re-attach the cover *Fig. 19 (1)* to the other side.

### 13.5 Moving the handles to the other side\*

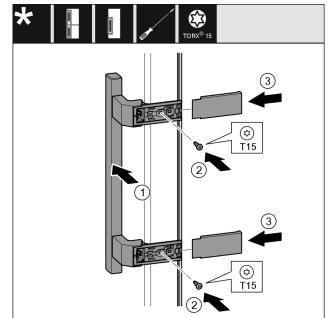
For all appliances:



#### Fig. 20

- Remove the cover Fig. 20 (1).
  Unscrew screws Fig. 20 (2) with screwdriver.
  Remove the handle Fig. 20 (3).
- Use a slotted screwdriver to lift the side plug Fig. 20 (4) ► carefully and pull it out.

▶ Re-insert the plug *Fig. 20 (5)* on the other side.

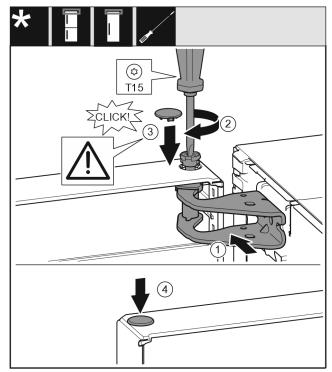


### Fig. 21

- ▶ Place the handle *Fig. 21 (1)* on the opposite side.
- $\triangleright$  The screw holes must be exactly above each other.
- ▶ Tighten screws *Fig. 21 (2)* with screwdriver.
- Place the covers Fig. 21 (3) on the side and push them on.
- $\triangleright$  Ensure that they latch into place.

### 13.6 Fitting the door

For all appliances:



- Place the door on the lower bearing pins.
- Align the top of the door with opening in the bearing bracket. Fig. 22 (1)
- Insert the bolt Fig. 22 (2) and use screwdriver to tighten it.
- Fit the safety cover Fig. 22 (3) to secure the door: Insert ► the safety cover and check whether the door is resting on it. Otherwise, insert the bolt fully.

▶ Insert the plug *Fig. 22 (4)*.

### 13.7 Aligning the door

### For all appliances:



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°.

### 13.8 Fitting the soft stop mechanism

For appliances with a soft stop mechanism:

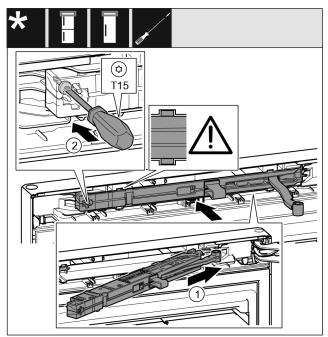


Fig. 23

- On the swap bearing block side, slide the closing damper unit Fig. 23 (1) into the recess at an angle up to the stop.
- Push the closing damper unit completely in.
- ▷ The closing damper unit is positioned correctly if the closing damper unit's rib is in the guide in the housing.
- Use a screwdriver to tighten the screw Fig. 23 (2).

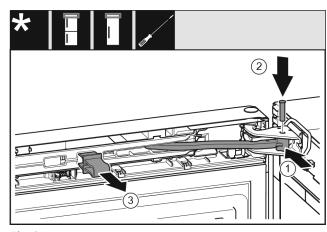
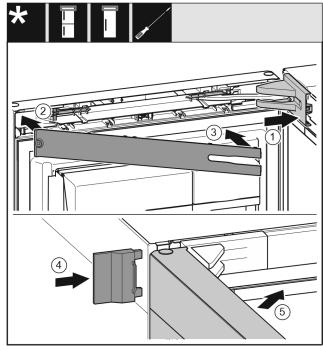


Fig. 24

The door is open 90°.

- Turn the joint *Fig. 24 (1)* in the bearing block.
- Insert thebolt Fig. 24 (2) into the bearing bracket and joint. Ensure that the latching cam is in the groove properly.
- Remove the safeguard Fig. 24 (3).



- ▶ Put the swap bearing block cover *Fig. 25 (1)* on and engage, push apart carefully if required.
- Fit the trim *Fig. 25 (2)*.
- Screen Fig. 25 (3)
- Push the outer cover Fig. 25 (4) on.
- Close the upper door *Fig. 25 (5)*.

# 14 Connecting the appliance to the power supply



Danger of electric shock and injury due to damaged appliance or damaged mains cable!

Danger of cuts and fatal injuries. If the appliance or the mains cable is damaged during transport, you may be electrocuted. You could also cut yourself on damaged parts of the appliance housing.

- Check the appliance and the mains cable for damage after transport.
- Never put the appliance into operation if the appliance or the mains cable are damaged.
- Contact Customer Service.

You can connect your appliance to the mains using the power cable supplied separately. The mains power cable has an appliance coupler at one end and a mains plug at the other end.

Make sure that the following requirements are fulfilled:

- The appliance and power cable are undamaged.
- The appliance is set up in accordance with the regulations. (see 8 Mounting wall spacers)
- Requirements for the electrical connection are met. (see 2 Installation conditions)
- Dimensions for connection in accordance with regulations are known and observed. (see 5 Connection dimensions for the power supply)
- Mains voltage and frequency correspond to the specifications on the type plate.
- 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 and is not behind the appliance. (see 5 Connection dimensions for the power supply)

### NOTICE

Danger of damage to incorrect operation!

Damage to the electrical components of the appliance.

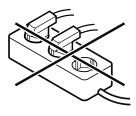
Only use the supplied mains cable.



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.
- Connect the mains cable plug to the power supply. Ensure that the plug is tightly in the socket.
- Dash The Liebherr logo appears in the display.
- \* Depending on model and options

- Dash The display switches to the standby symbol.
- ▷ If no action occurs within 60 seconds: The standby symbol fades or disappears.
- The appliance is connected. For information regarding first use, see the following section or the operating instructions.



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EN Refrigerator

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