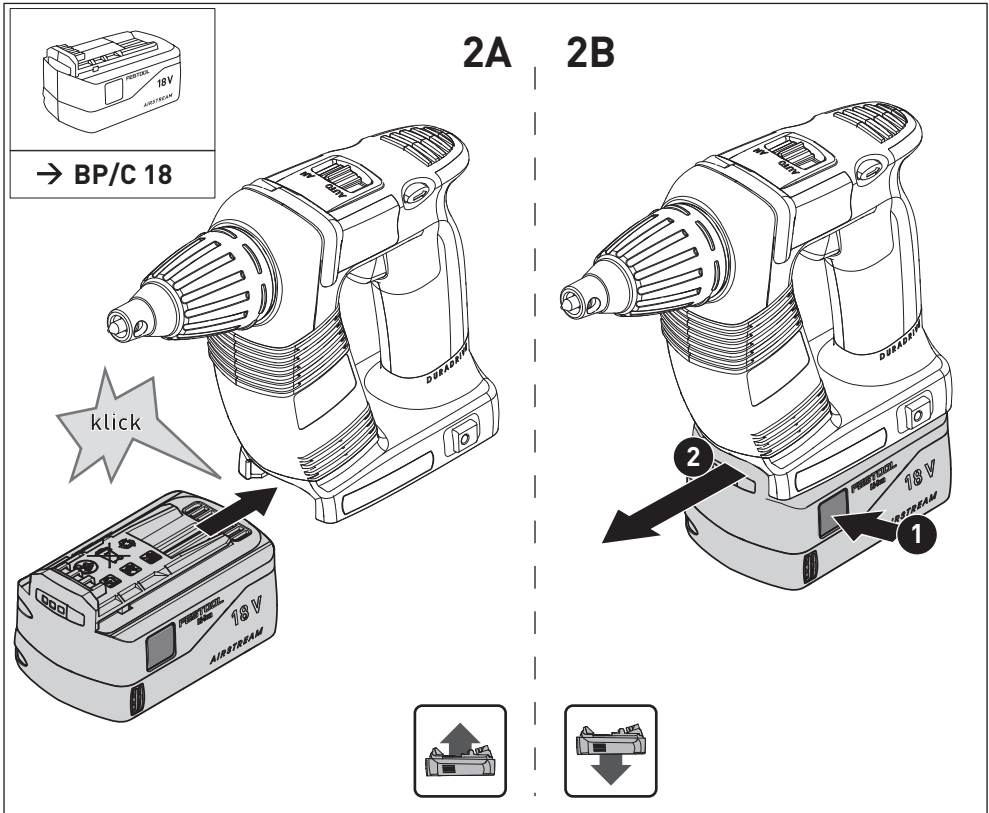
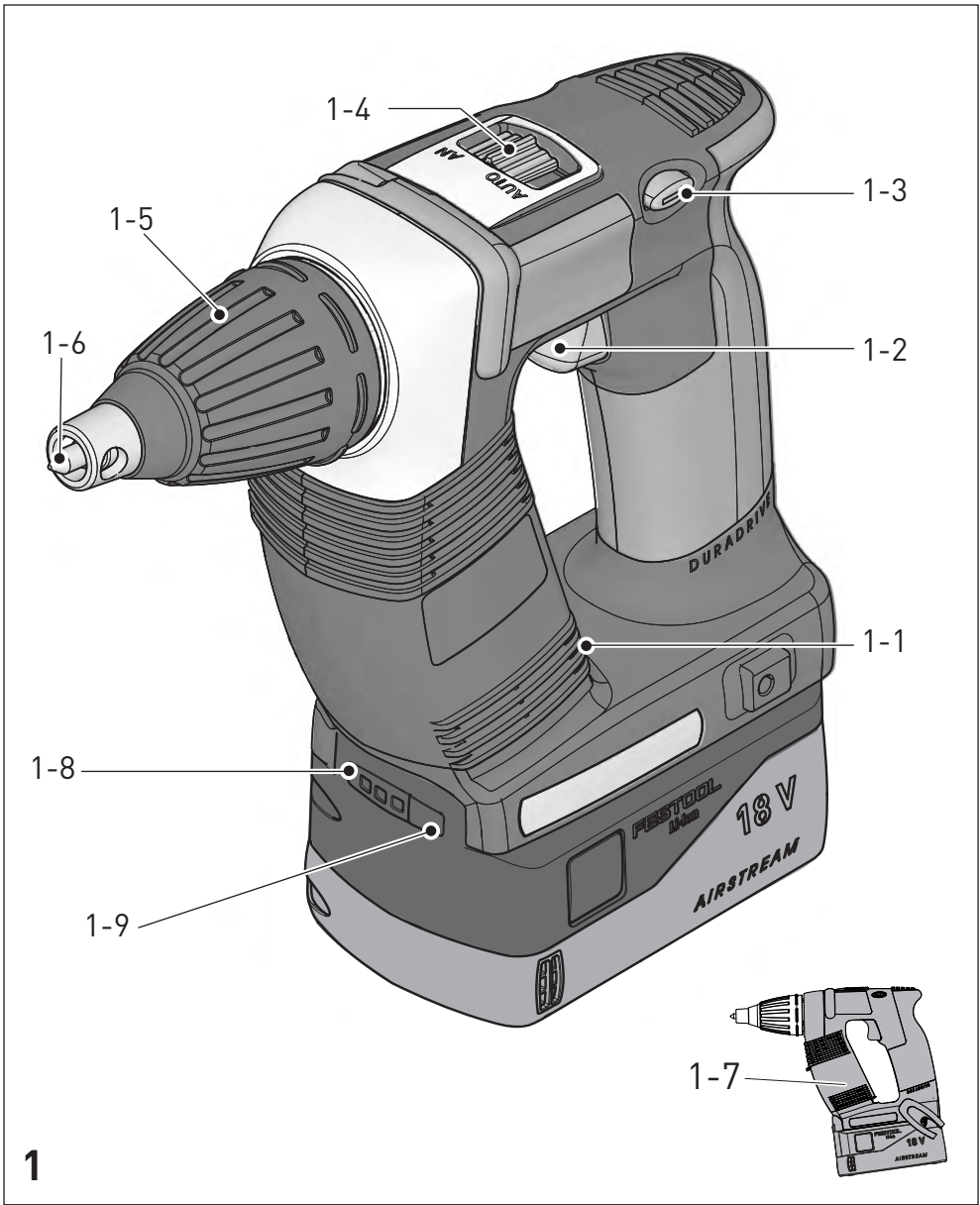
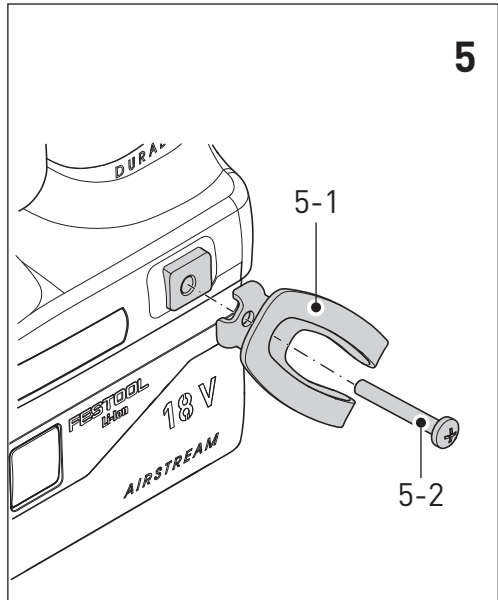
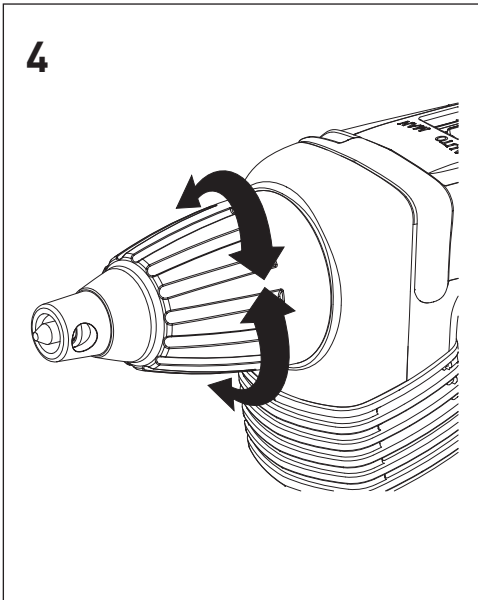
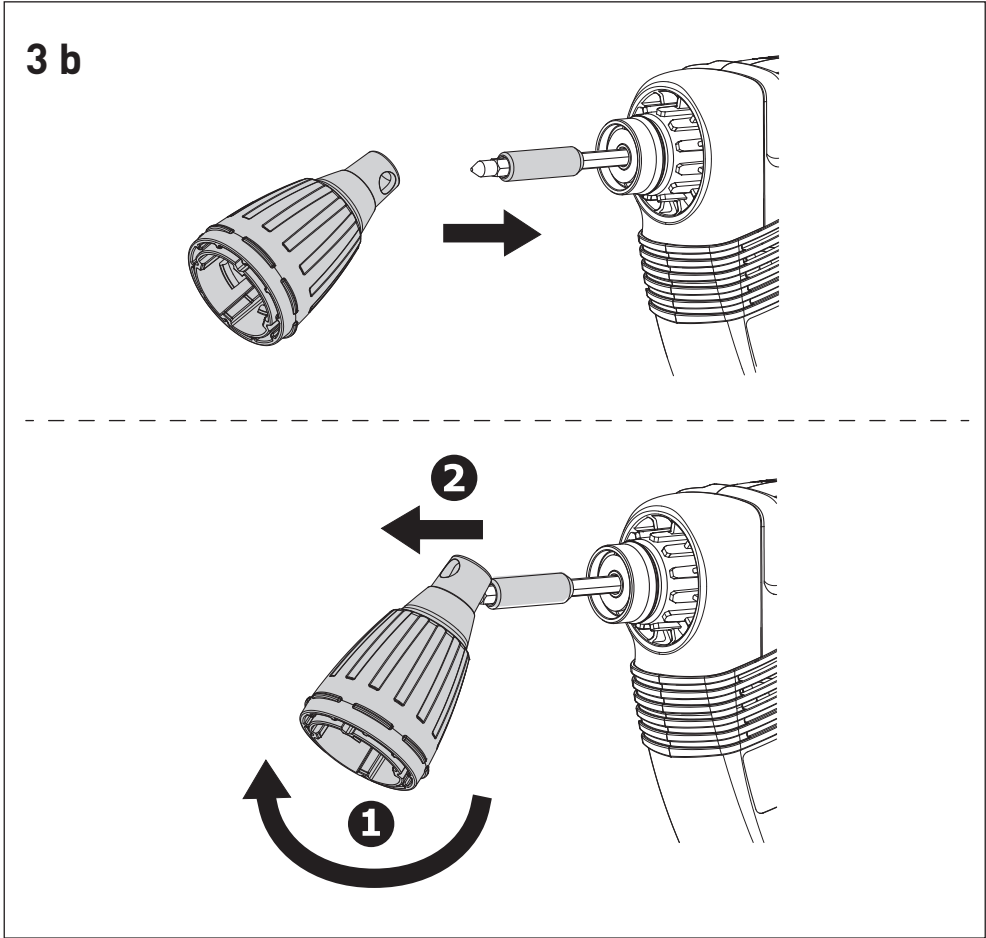
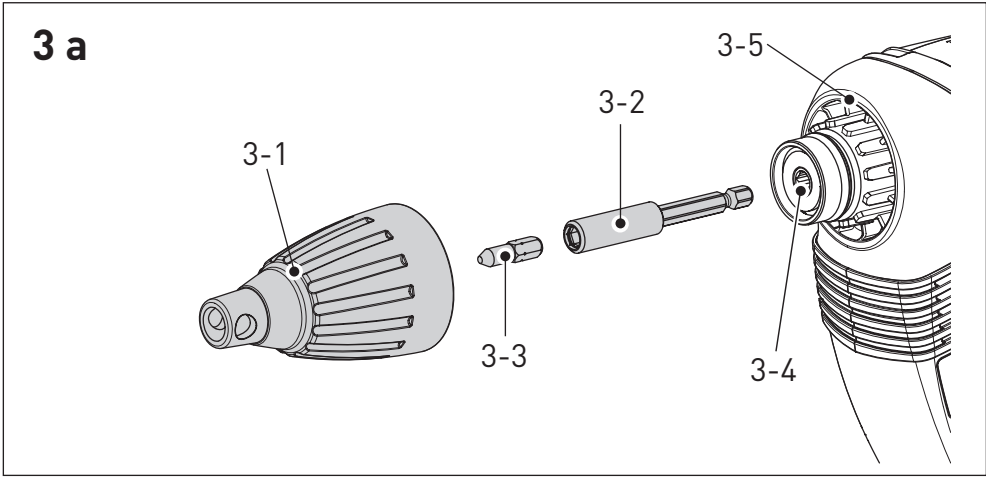


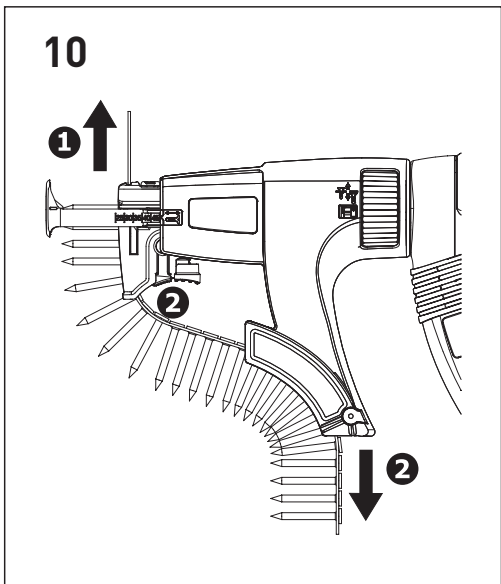
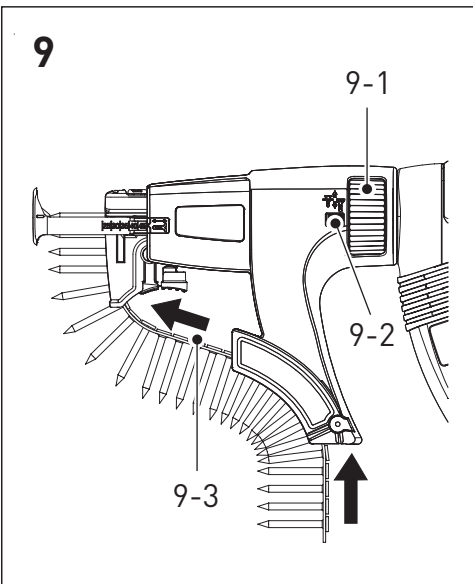
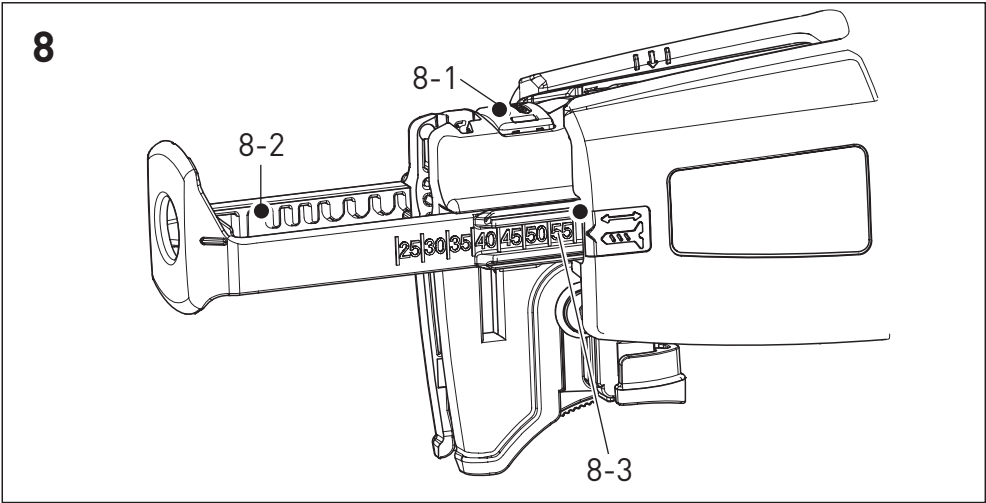
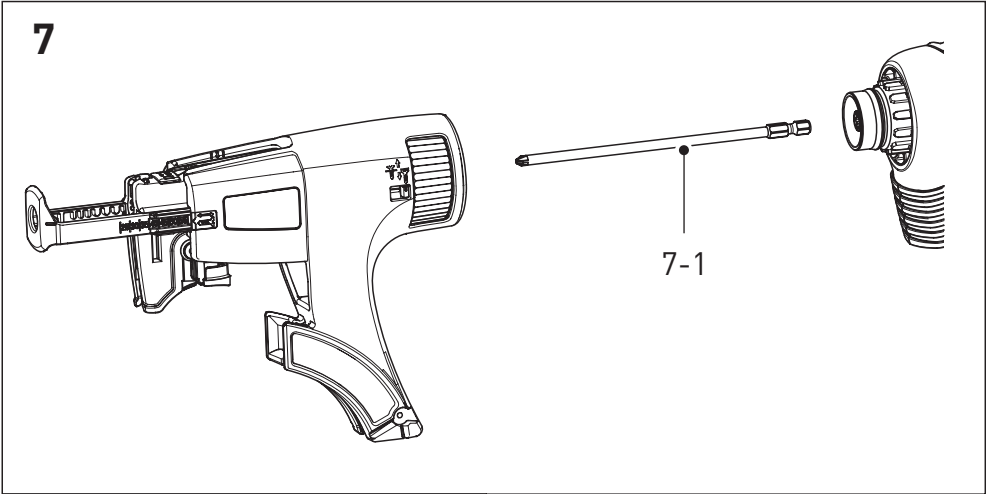
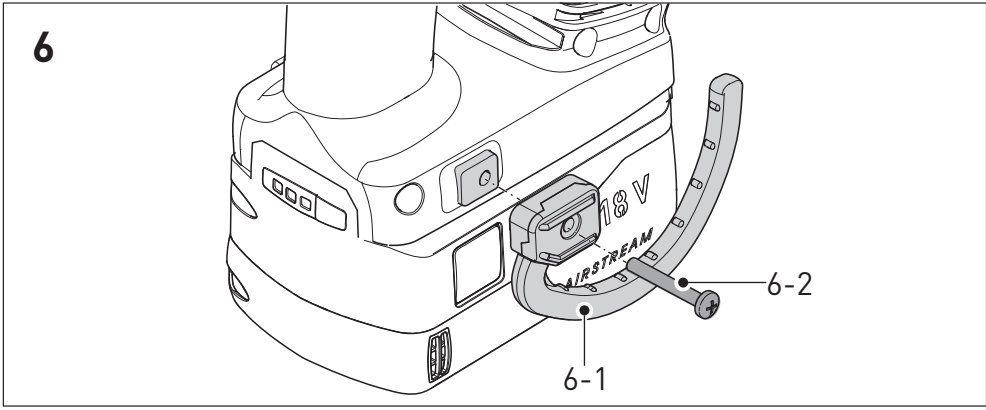
de	Originalbetriebsanleitung - Akku-Trockenbauschrauber	7
en	Original Instructions - Cordless drywall screwdriver	13
fr	Notice d'utilisation d'origine - Visseuse sans fil pour placoplâtre	19
es	Manual de instrucciones original - Taladro atornillador para pladur	26
it	Istruzioni per l'uso originali - Trapano avvitatore a batteria per cartongesso	33
nl	Originele gebruiksaanwijzing - Accu schroefmachine voor gipsplaat	40
sv	Originalbruksanvisning - Borr/skruvdragare med batteripaket för gipsvägg	47
fi	Alkuperäiset käyttöohjeet - Akkukäyttöinen ruuvinväännin kipsikartongin asennukseen	53
da	Original brugsanvisning - Akku skruemaskine til gipsplader	59
nb	Originalbruksanvisning - Batteridrevet skrumaskin for gipskartong	65
pt	Manual de instruções original - Aparafusadora de acumulador para gesso cartonado	71
ru	Оригинальное руководство по эксплуатации - Аккумуляторный шуруповерт для гипсокартона	78
cs	Originální návod k použití - Akušroubovák pro sádrokarton	85
pl	Oryginalna instrukcja eksploatacji - Wkrętarka akumulatorowa do płyt gipsowo-kartonowych	91

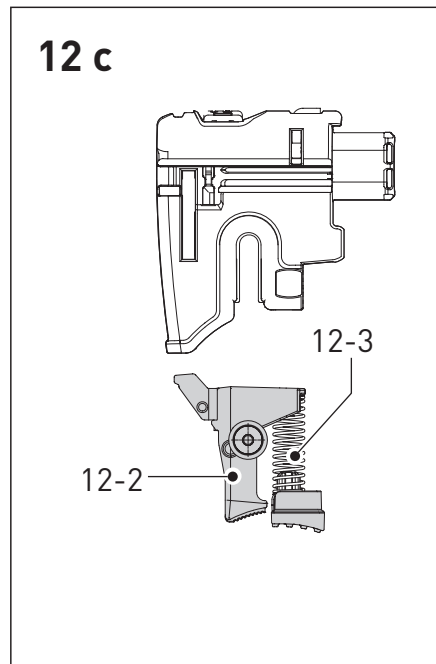
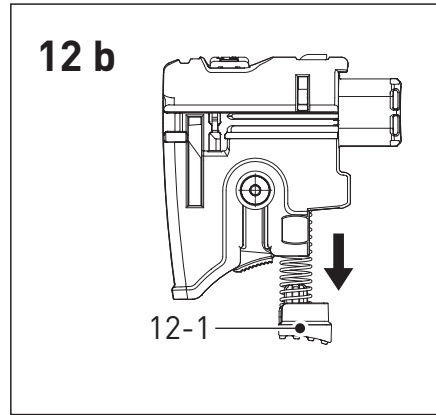
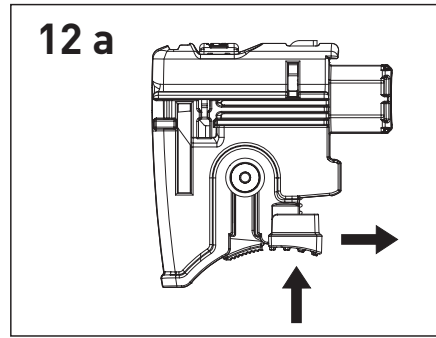
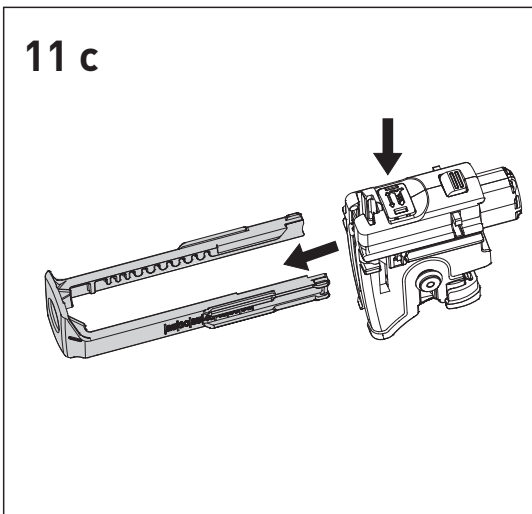
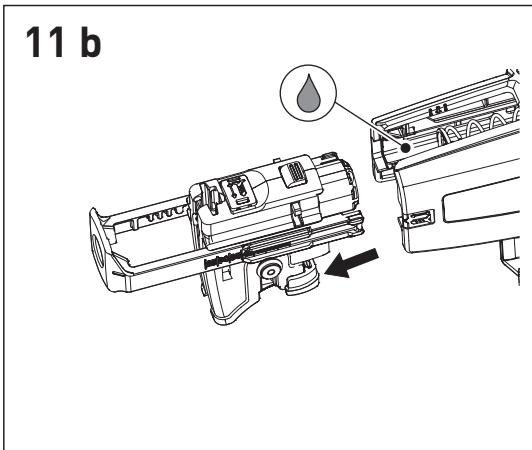
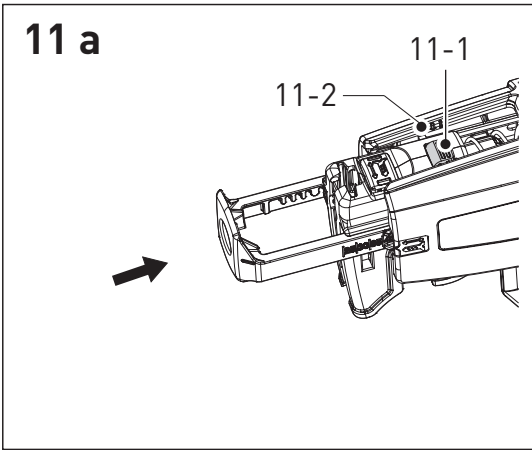
## DWC 18-2500 DWC 18-4500











<b>Akku-Trockenbauschrauber</b>	<b>Serien-Nr. *</b>
<b>Cordless drywall screwdriver</b>	<b>Serial no. *</b>
<b>Visseuse sans fil pour placoplâtre</b>	<b>N° de série *</b>
	<b>(T-Nr.)</b>
DWC 18-2500	205054
DWC 18-4500	205055

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**en EC-Declaration of Conformity.** We declare under our sole responsibility that this product is in conformity with all relevant provisions of the following directives including their amendments and complies with the following standards:

**fr CE-Déclaration de conformité communautaire.** Nous déclarons sous notre propre responsabilité que ce produit est conforme aux normes ou documents de normalisation suivants:

**es CE-Declaración de conformidad.** Declaramos bajo nuestra exclusiva responsabilidad que este producto corresponde a las siguientes normas o documentos normalizados:

**it CE-Dichiarazione di conformità.** Dichiariamo sotto la nostra esclusiva responsabilità che il presente prodotto è conforme alle norme e ai documenti normativi seguenti:

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**sv EG-konformitetsförklaring.** Vi förklarar i eget ansvar, att denna produkt stämmer överens med följande normer och normativa dokument:

**fi EY-standardinmukaisuusvakuutus.** Vakuutamme yksinvastuullisina, etta tuote on seuraavien standardien ja normatiivisten ohjeiden mukainen:

**da EF-konformitetserklæring.** Vi erklærer at have alene ansvaret for, at dette produkt er i overensstemmelse med de følgende normer eller normative dokumenter:

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**cs ES prohlášení o shodě.** Prohlašujeme s veškerou odpovědností, že tento výrobek je ve shodě s následujícími normami nebo normativními dokumenty:

**pl Deklaracja o zgodności z normami UE.** Niniejszym oświadczamy na własną odpowiedzialność, że produkt ten spełnia następujące normy lub dokumenty normatywne:

2006/42/EG, 2014/30/EU, 2011/65/EU

EN 62841-1: 2015 + AC:2015  
 EN 62841-2-2:2014 + AC:2015  
 EN 55014-1: 2017,  
 EN 55014-2: 2015  
 EN 50581: 2012

**CE Festool GmbH**  
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Wendlingen, 2019-04-30

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Ralf Brandt  
 Head of Product Conformity

\* im definierten Seriennummer-Bereich (S-Nr.) von 40000000 - 49999999  
 in the specified serial number range (S-Nr.) from 40000000 - 49999999  
 dans la plage de numéro de série (S-Nr.) de 40000000 - 49999999



## Contents

1	Symbols.....	13
2	Safety warnings.....	13
3	Intended use.....	14
4	Technical data.....	14
5	Parts of the machine.....	15
6	Commissioning.....	15
7	Settings.....	15
8	Tool holder, attachments.....	15
9	Working with the machine.....	16
10	Working instructions.....	17
11	Service and maintenance.....	18
12	Environment.....	18
13	General information.....	18

## 1 Symbols



Warning of general danger



Warning of electric shock



Read the operating manual and safety instructions.



Wear ear protection.



Wear protective goggles.



Do not dispose of it with domestic waste.



CE marking: Confirms the conformity of the power tool with the European Community directives.



Tip or advice



Handling instruction



Inserting the battery pack



Removing the battery pack

## 2 Safety warnings

### 2.1 General power tool safety warnings



**WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

**Follow the operating manual for the charger and the battery pack.**

### 2.2 Machine-specific safety notices

- **Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.** Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Use appropriate detection devices to look for any hidden supply lines or consult your local utility company.** If the insertion tool makes contact with live cables, it can result in fire and electric shock. Damage to a gas pipe can lead to an explosion. Penetration of a water pipe can result in damage to property.



- **Wear suitable personal protective equipment: Ear protection and safety goggles.**



**CAUTION! Power tool can jam and cause sudden kickback!** Switch off immediately!

- **Hold the power tool firmly in your hand. Make sure the speed is adjusted correctly when screwdriving. Be prepared for a high reaction torque,** which may cause the power tool to turn and possibly lead to injury.
- **Do not use the power tool in the rain or in damp surroundings.** Moisture in the power tool may cause a short circuit and fire.
- Do not lock the on/off switch in place permanently.
- Connecting the magazine attachment and drywall screwdriver results in a tool for which the safety warnings and instructions of the drywall screwdriver apply.

- **Do not use power supply units or third-party battery packs to operate cordless power tools. Do not use third-party chargers to charge the battery packs.** The use of accessories not expressly authorised by the manufacturer can result in electric shocks and/or serious accidents.

### 2.3 Emission levels



The levels determined in accordance with EN 62841 are typically:

#### DWC 18-2500

Sound pressure level	$L_{PA} = 67 \text{ dB(A)}$
Sound power level	$L_{WA} = 78 \text{ dB(A)}$
Uncertainty	$K = 3 \text{ dB}$

#### DWC 18-4500

Sound pressure level	$L_{PA} = 72 \text{ dB(A)}$
Sound power level	$L_{WA} = 83 \text{ dB(A)}$
Uncertainty	$K = 3 \text{ dB}$

  <b>CAUTION</b>
<b>Noise generated when working</b> <b>Risk of damage to hearing</b> ► Use ear protection.

Vibration emission level  $a_h$  (vector sum for three directions) and uncertainty  $K$  measured in accordance with EN 62841:


DWC 18-2500	$a_h \leq 2.5 \text{ m/s}^2$ $K = 2 \text{ m/s}^2$
DWC 18-4500	$a_h \leq 2.5 \text{ m/s}^2$ $K = 2 \text{ m/s}^2$

- The specified emission levels (vibration, noise)
- are used to compare machines.
  - They are also used for making preliminary estimates regarding vibration and noise load during operation.

## 4 Technical data

Cordless drywall screwdrivers	DWC 18-2500	DWC 18-4500
Motor voltage	18 V	18 V
No-load speed*	0-2500 rpm	0-4500 rpm
Torque soft/hard	7/18 Nm	5/14 Nm
Tool holder	1/4" DIN 3126/ ISO 1173	1/4" DIN 3126/ ISO 1173

- They represent the primary applications of the power tool.

 <b>CAUTION</b>
<b>The emission values may deviate from the specified values. This is dependent on how the tool is used and the type of workpiece being machined.</b> <ul style="list-style-type: none"> <li>► The actual load during the entire operating cycle must be evaluated.</li> <li>► Depending on the actual load, suitable protective measures must be defined in order to protect the operator.</li> </ul>

## 3 Intended use

Drywall screwdriver suitable for the following screwdriving tasks:


#### DWC 18-2500

- Screwdriving gypsum fibre board to metal or wooden constructions using drywall screws with milling ribs
- Screwdriving chipboard/OSB to wooden constructions with wood screws and chipboard screws up to a diameter of 5 mm

#### DWC 18-4500

- Screwdriving plaster boards onto metal profile bars ( $\leq 0.88 \text{ mm}$ ) using drywall screws with a fine thread
- Screwdriving plaster boards onto metal profile bars ( $\leq 2.25 \text{ mm}$ ) using drywall screws with a drill point
- Screwdriving plaster boards to wooden constructions using drywall screws with a coarse thread

This power tool is suitable for use with BP Festool battery packs of the same voltage class.

-  The user is liable for damage and accidents caused by improper and non-intended use; this also includes damage and wear caused by continuous industrial operation.



Cordless drywall screwdrivers	DWC 18-2500	DWC 18-4500
Max. workable screw length	55 mm	55 mm
Weight (incl. battery pack and magazine attachment) as per EPTA procedure 01:2014		2 kg
Weight excl. battery pack		1.2 kg
Weight excl. battery pack, incl. depth stop		1.3 kg
Weight excl. battery pack, incl. magazine attachment		1.6 kg

\* Speed values based on fully charged battery pack.

## 5 Parts of the machine

- [1-1] Bit store
- [1-2] On/off switch
- [1-3] Rotational direction switch
- [1-4] AUTO/MAN selector switch
- [1-5] Depth stop
- [1-6] Bits
- [1-7] Insulated gripping surfaces (grey shaded area)
- [1-8] Capacity display button on battery pack
- [1-9] Capacity display

Accessories shown or described are not always included in the scope of delivery.

The specified illustrations appear at the beginning of the Operating Instructions.

## 6 Commissioning

### 6.1 Changing the battery pack

#### Inserting the battery pack [2 A]

#### Removing the battery pack [2 B]

The battery pack is ready to use straight out of the box and can be charged at any time.

### 6.2 Changing the battery pack

#### Inserting the battery pack [2 A]

#### Removing the battery pack [2 B]

The battery pack is ready to use straight out of the box and can be charged at any time.



Further information about the battery pack and charger can be found in the corresponding operating manual.

## 7 Settings



### CAUTION

#### Risk of injury

- Only adjust the settings when the power tool is switched off.

### 7.1 Changing direction of rotation [1-3]

- Switch to the left = clockwise rotation
- Switch to the right = counterclockwise rotation

## 8 Tool holder, attachments



### WARNING

#### Risk of injury, electric shock

- Always disconnect the battery pack before any type of work on the machine!

### 8.1 Bit holder

The bit holder enables the operator to change drill bits quickly.



### CAUTION

#### Risk of injury from hot and sharp tool

- Do not use any blunt or faulty tools.
- Wear protective gloves.

### Attaching the bit holder

- Move the switch [1-4] to the MAN position.
- Push the bit holder [3-2] into the tool holder [3-4] until it clicks into place.
- Place the bit [3-3] in the holder.
- Then affix the depth stop to the transmission housing, as described in section .

### Removing the bit holder

- Take out the depth stop as described in section .
- Remove the bit holder from the tool holder by pulling firmly.



### 8.2 Changing the bit

To change the bit [1-6], you can use the depth stop [1-5].

- ▶ To do this, place the depth stop on the bit as shown in figure [3b].
- ▶ The bit can be taken out by tilting the depth stop with the bit, while pulling at the same time.
- ▶ Then place the new bit in the bit holder.

## 9 Working with the machine

### 9.1 Switching on/off [1-2]

-  The tool is not started by pressing the switch [1-2] alone – **not a tool fault!**
-  Once the screw is driven to the desired depth, the tool switches off automatically.

There are numerous ways to switch the tool on:

#### a)

- ▶ Set the tool's rotational direction to clockwise using the right/left switch [1-3].
- ▶ Move the selector switch [1-4] to the MAN position.
- ▶ To switch the tool on, actuate the switch [1-2] and at the same time, press on the screw with the drill bit.

*By pressing on the switch [1-2], the speed can be infinitely adjusted.*

#### b)



- ▶ Set the tool's rotational direction to clockwise using the right/left switch [1-3].
- ▶ Move the selector switch [1-4] to the AUTO position.
- ▶ To activate the tool, press on the screw with the drill bit.

*It is not necessary to press the switch [1-2]. The top speed is set automatically.*

#### c)

- ▶ Set the tool's rotational direction to anticlockwise using the right/left switch [1-3].
- ▶ Switch the tool on using the switch [1-2]. The MAN/AUTO selector switch [1-4] is in either position.

*By pressing on the switch [1-2], the speed can be infinitely adjusted.*

-  The drywall screwdriver rotates anticlockwise by pressing on the switch [1-2] only, without also having to press on the bit.
-  To unscrew screws fully, the depth stop does therefore not need to be removed.

### 9.2 Depth stop

Turning on the depth stop [1-5] sets the screwing depth, as shown in figure [4]. The setting is accurate to approx.  $\pm 0.1$  mm.

Anticlockwise rotation	Screw is countersunk further out.
Clockwise rotation	Screw is countersunk further in.

Once the depth setting is made, drive in a test screw then, if necessary, correct the depth.

#### Attaching the depth stop

- ▶ Place the depth stop [3-1] on the transmission housing [3-5].
- ▶ Then, apply pressure until the depth stop audibly clicks into place.

#### Removing the depth stop

- ▶ Take the depth stop out of the transmission housing by pulling firmly.

### 9.3 Frame hook and belt clip

The belt clip [5-1] can be used to attach the tool to working clothes temporarily – it can be affixed to the left or right-hand side of the tool using a screw [5-2], making it suitable for right-handed and left-handed operators – see figure [5].

The tool also has a hook [6-1], by which the tool can be hung, as required. It can be affixed to the left or right-hand side of the housing using the screw [6-2] – see figure [6].

### 9.4 Magazine attachment

The magazine attachment enables the operator to work continuously without unnecessary pauses.

#### Fitting the magazine attachment

- ▶ Remove the depth stop [3-1] on the bit holder [3-2] using the bit, as described in section 8.
- ▶ Move the selector switch [1-4] to the MAN position.
- ▶ Push the long bit [7-1] into the tool holder [3-4] until it clicks into place.
- ▶ Then affix the magazine attachment to the transmission housing. The magazine attachment must audibly click into place.
- ▶ The magazine attachment can be positioned at 30° increments.

#### Removing the magazine attachment

- ▶ Take the magazine attachment out of the transmission housing by pulling firmly.

### Adjusting the screw length

- ▶ Pressing on the button **[8-1]** slides the depth stop **[8-2]** in or out, so that it can be adjusted to the required screw length.

*The screw length setting is visible on the sides of the depth stop **[8-3]**.*

### Inserting collated screws

- ▶ Firstly, draw the belt of collated screws **[9-3]** through the lower magazine guide and then thread them into the carriage guide until a screw clicks into the working position.  
Make sure that the screws are correctly positioned and secure by pulling gently on the belt of collated screws.  
Check that the first screw is lined up in the screwing axis – see figure **[9]**.
- ▶ Use the adjusting wheel **[9-1]** to set the required insertion depth.
- ▶ Clockwise rotation will countersink the screws further in, while anticlockwise rotation will countersink the screws further out. The current setting can be read off the pre-setting display **[9-2]**

Once the setting is made, drive in a test screw, then, if necessary, correct the depth setting using the adjusting wheel **[9-1]**. Each setting adjustment shifts the stop by  $\pm 0.1$  mm.



We recommend screwdriving in the automatic mode – see section 9.1 b).

### Removing collated screws

- ▶ Remove the collated screws by pulling upwards once (figure **[10]** ①) or by engaging the transport lever at the same time as pulling the collated screws downwards (figure **[10]** ②).

## 10 Working instructions

- The magazine attachment must not be held in the area of the depth stop.
- Each screwdriving process must be completed in full. Interrupting a screwdriving process or applying pressure when screwdriving can cause the tool to malfunction.
- The collated screws must only be changed when the tool is at a standstill.
- The magazine attachment must under no circumstances be used in any way other than that described in this operating manual.
- Use only original screwdriver bits.
- Use only original collated screws.

- The collated screws must always be kept in their original packing.
- Always work at right angles to the board that is being affixed.

### 10.1 Magazine attachment maintenance

The magazine attachment is essentially maintenance-free. After an extensive period of use, however, it is recommended to clean it with compressed air.

The magazine attachment can be lubricated around the area of the carriage guide – see figure **[11b]**.

For the purposes of cleaning, the magazine attachment can be dismantled as described below.

Prior to cleaning, remove the collated screws from the magazine as described in section "Removing collated screws".

Take the magazine attachment out of the dry-wall screwdriver.

#### Removing the carriage

- ▶ Push the depth stop **[8-2]** in to the housing as far as it will go, until the locking button **[11-1]** is level with the marking for carriage removal **[11-2]** – see figure **[11a]**.
- ▶ Press the locking button **[11-1]** and at the same time pull the carriage out of the magazine – see figure **[11b]**.
- ▶ Push the button **[8-1]** and at the same time unscrew the depth stop – see figure **[11c]**.

#### Removing the transport lever

- ▶ Push the button **[12-1]** and at the same time slide in the direction of the arrow – see figure **[12a]**.
- ▶ Remove the released button **[12-1]** (figure **[12b]**) together with the transport lever **[12-2]** and the spring **[12-3]** from the carriage (figure **[12c]**).
- ▶ Clean the individual parts, replace faulty or worn parts and then reassemble in reverse order.



When reassembling the transport lever in the carriage, ensure the spring **[12-3]** is positioned correctly within the transport lever. Incorrect assembly can prevent the collated screws from being transported properly.

### 10.2 Acoustic warning signals

Acoustic warning signals sound and the machine switches off in the following operating states:



peep — —

**Battery flat or machine overloaded.**

- Change the battery.
- Place the machine under reduced stress.



peep peep —

**Machine is overheating.**

- You must allow the machine to cool before using again.



peep peep peep

**Lithium battery pack is faulty or has overheated.**

- Once the battery pack has cooled, perform a functional check using the charger.

## 11 Service and maintenance

**WARNING****Risk of injury, electric shock**

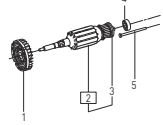
- ▶ Always remove the battery pack from the power tool before performing any maintenance or service work.
- ▶ All maintenance and repair work which requires the motor housing to be opened should always be carried out by an authorised service workshop.



FESTOOL

**Customer service and repairs** must only be carried out by the manufacturer or service workshops. Find the nearest address at: [www.festool.co.uk/service](http://www.festool.co.uk/service)

EKAT



FESTOOL

Always use original Festool spare parts. Order no. at: [www.festool.co.uk/service](http://www.festool.co.uk/service)

To ensure constant air circulation, always keep the cooling air openings in the motor housing clean and free of blockages.

Keep the contacts on the power tool, charger and battery pack clean.

## 12 Environment



**Do not dispose of the device in the household waste!** Recycle devices, accessories and packaging. Observe applicable national regulations.

**EU only:** In accordance with the European Directive on waste electrical and electronic equipment and implementation in national law, used power tools must be collected separately and handed in for environmentally friendly recycling.

**Information on REACH:** [www.festool.com/reach](http://www.festool.com/reach)

## 13 General information

**Imported into the UK by**

Festool UK Ltd  
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Great Britain

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