

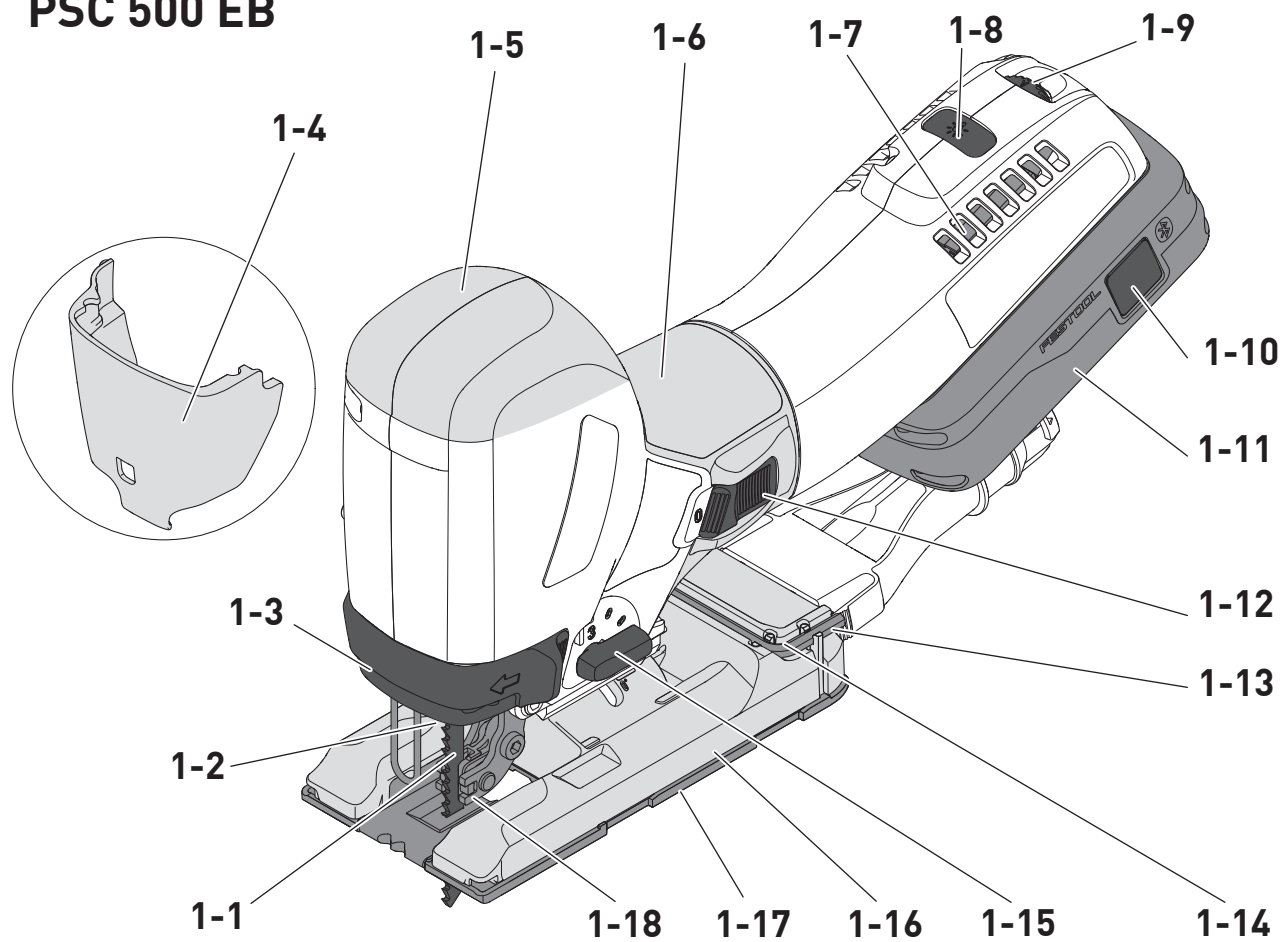
PSC 500 EB PSBC 500 EB



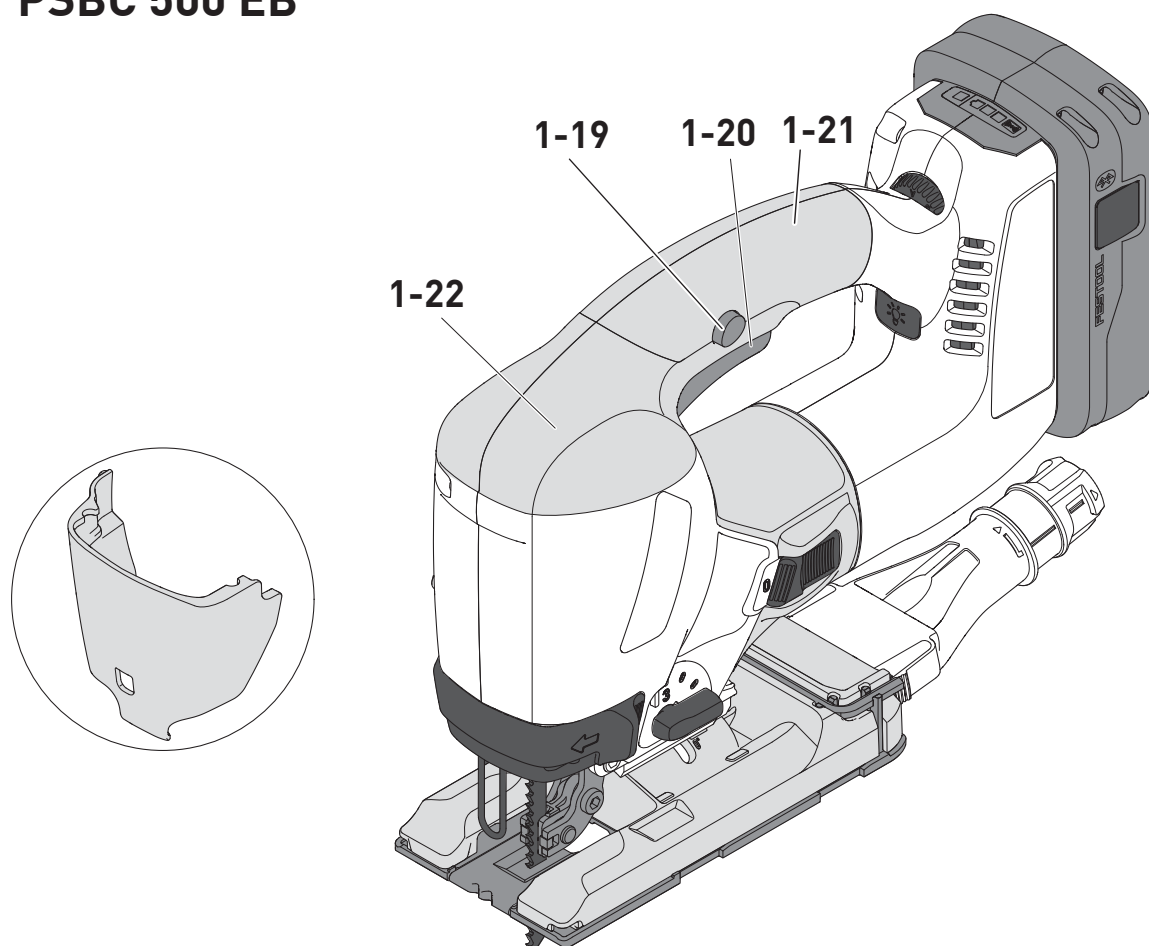
de	Originalbetriebsanleitung	10
en	Original instructions	15
fr	Notice d'utilisation d'origine	20
es	Manual de instrucciones original	25
bg	Оригинална инструкция за експлоатация	31
cs	Původní návod k obsluze	36
da	Original brugsanvisning	41
el	Πρωτότυπο οδηγίων χρήσης	46
et	Originaalkasutusjuhend	51
fi	Alkuperäiset käyttöohjeet	56
hr	Originalne upute za uporabu	61
hu	Eredeti használati utasítás	66
it	Istruzioni d'esercizio originali	71

lt	Originali naudojimo instrukcija	77
lv	Orīginālā lietošanas pamācība	82
nb	Original bruksanvisning	87
nl	Originele gebruiksaanwijzing	92
pl	Oryginalna instrukcja obsługi	97
pt	Manual de instruções original	102
ro	Manualul de utilizare original	108
sk	Originálny návod na obsluhu	113
sl	Originalna navodila za uporabo	118
sv	Originalbruksanvisning	123

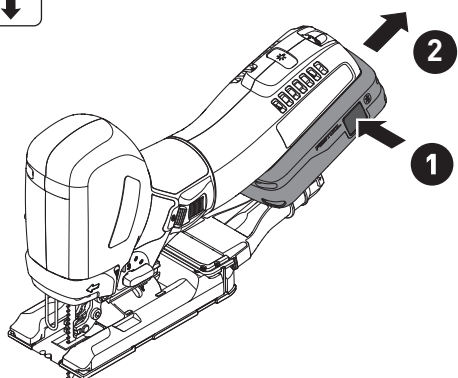
PSC 500 EB



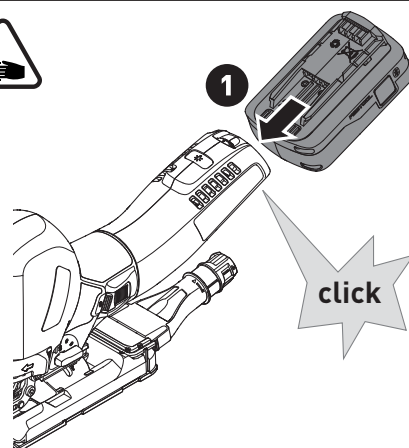
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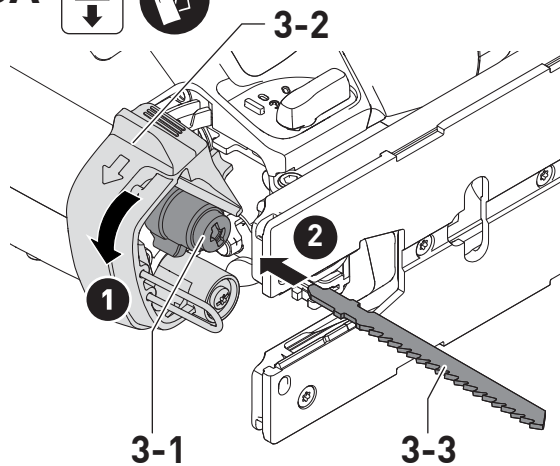
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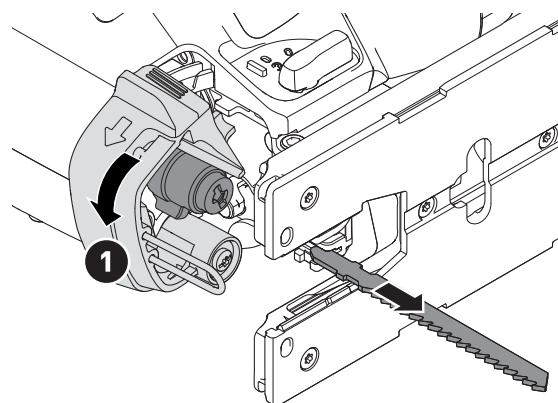
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3A



3B



4

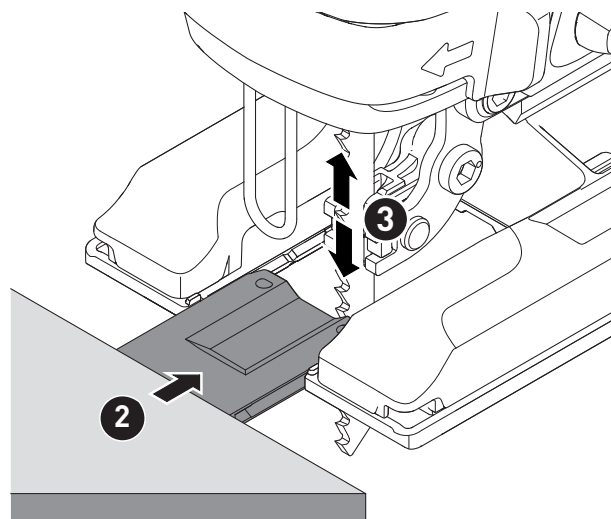
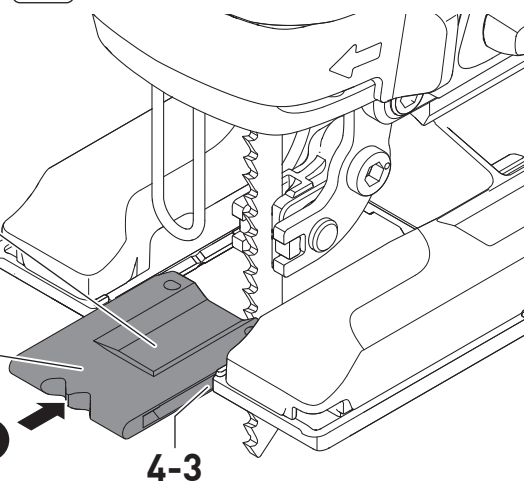


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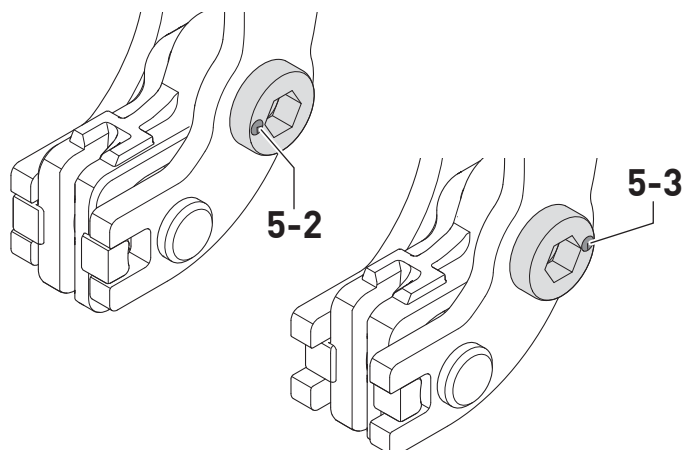
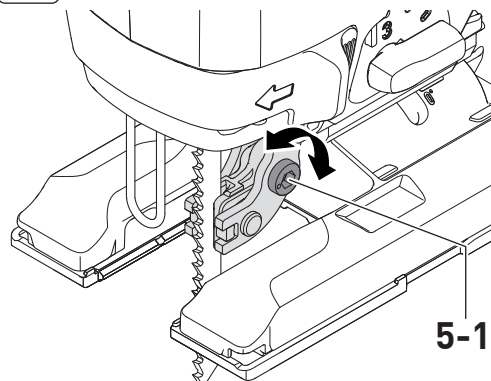
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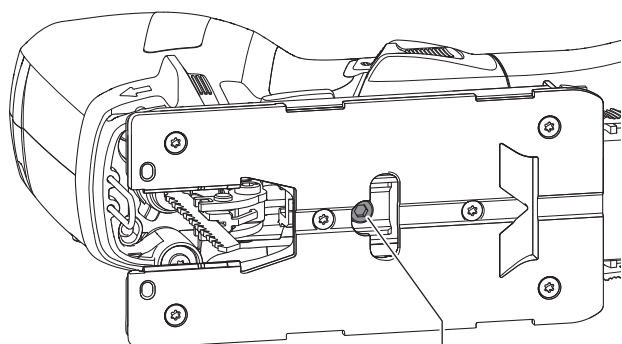
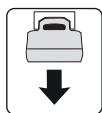
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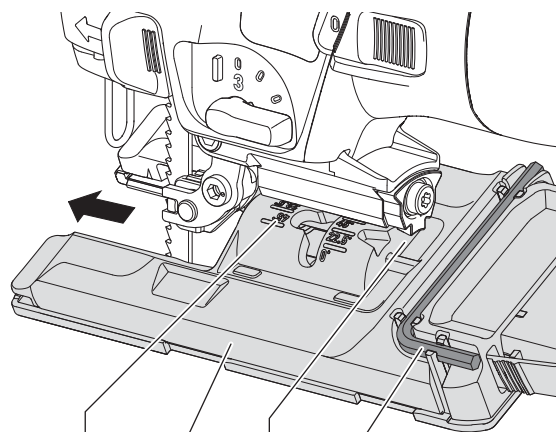
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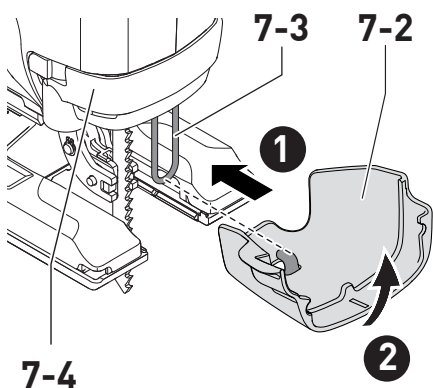
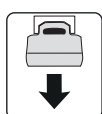
6-2

6-3

6-4

6-5

7A



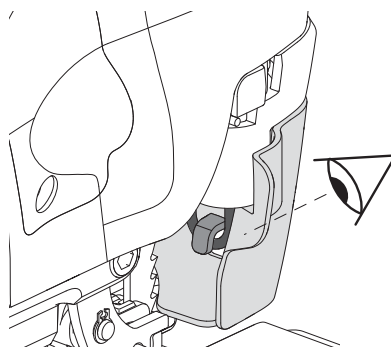
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7-3

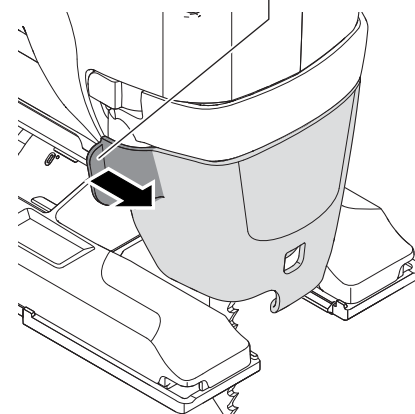
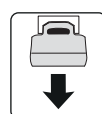
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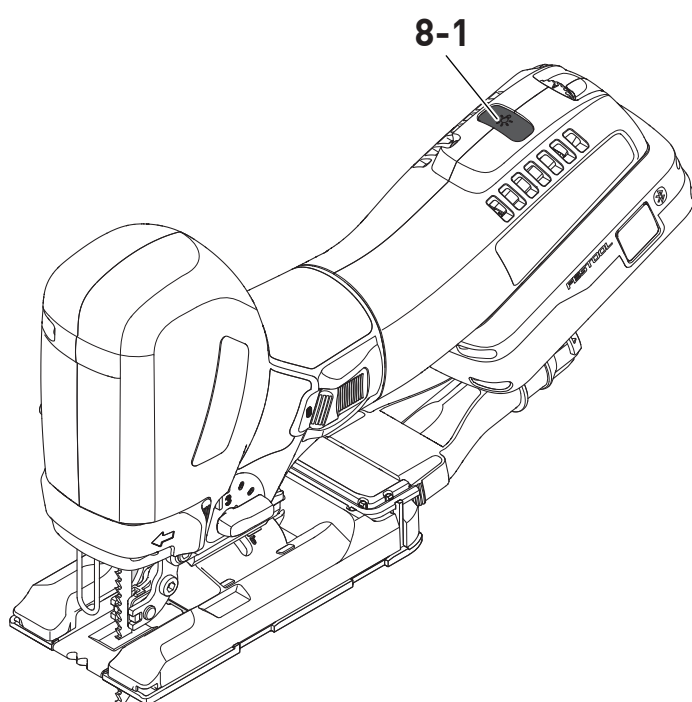


7B



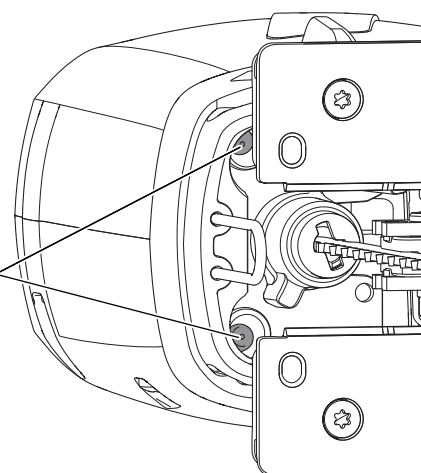
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8

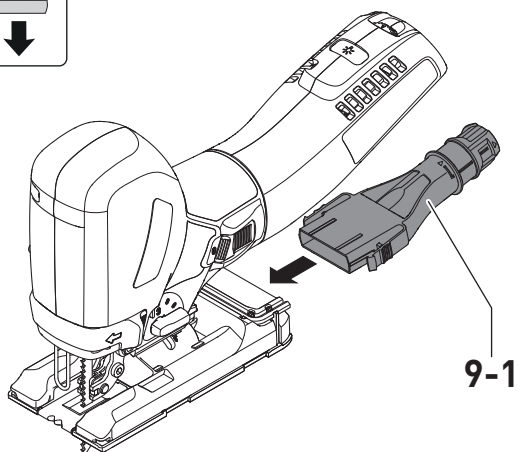
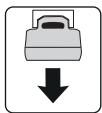


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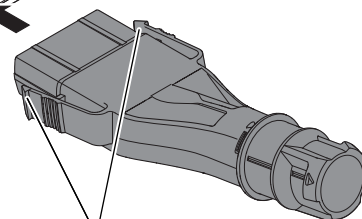
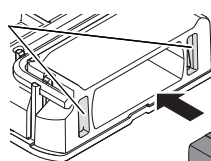
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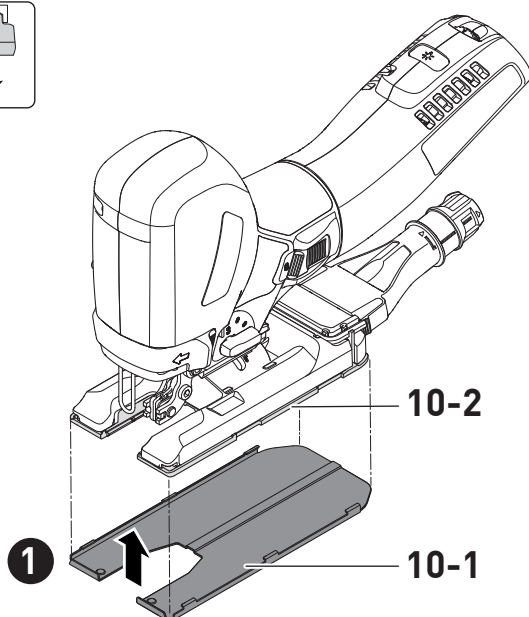
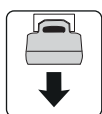
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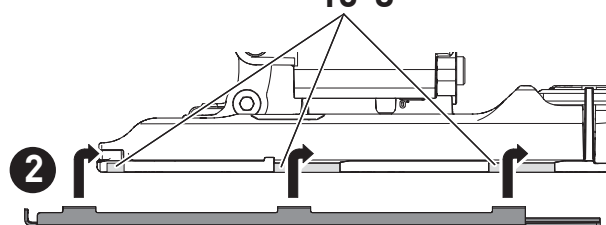
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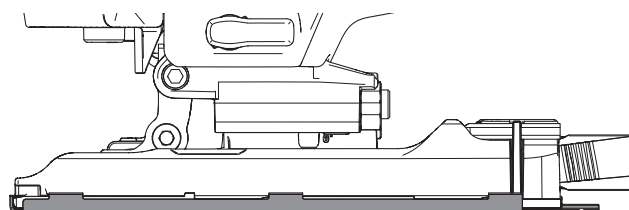
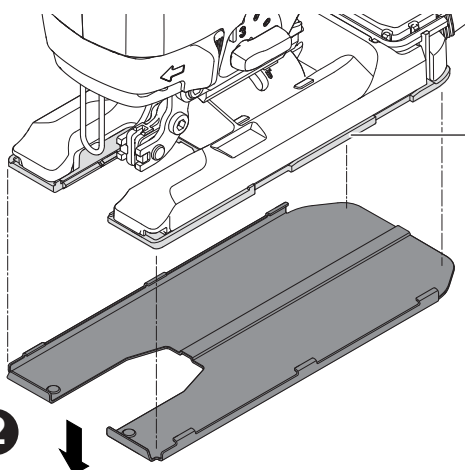
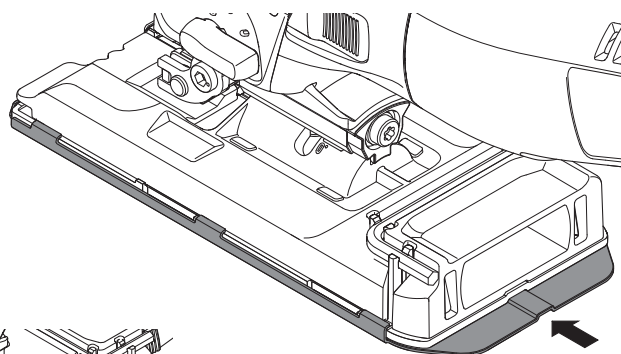
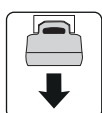
10A



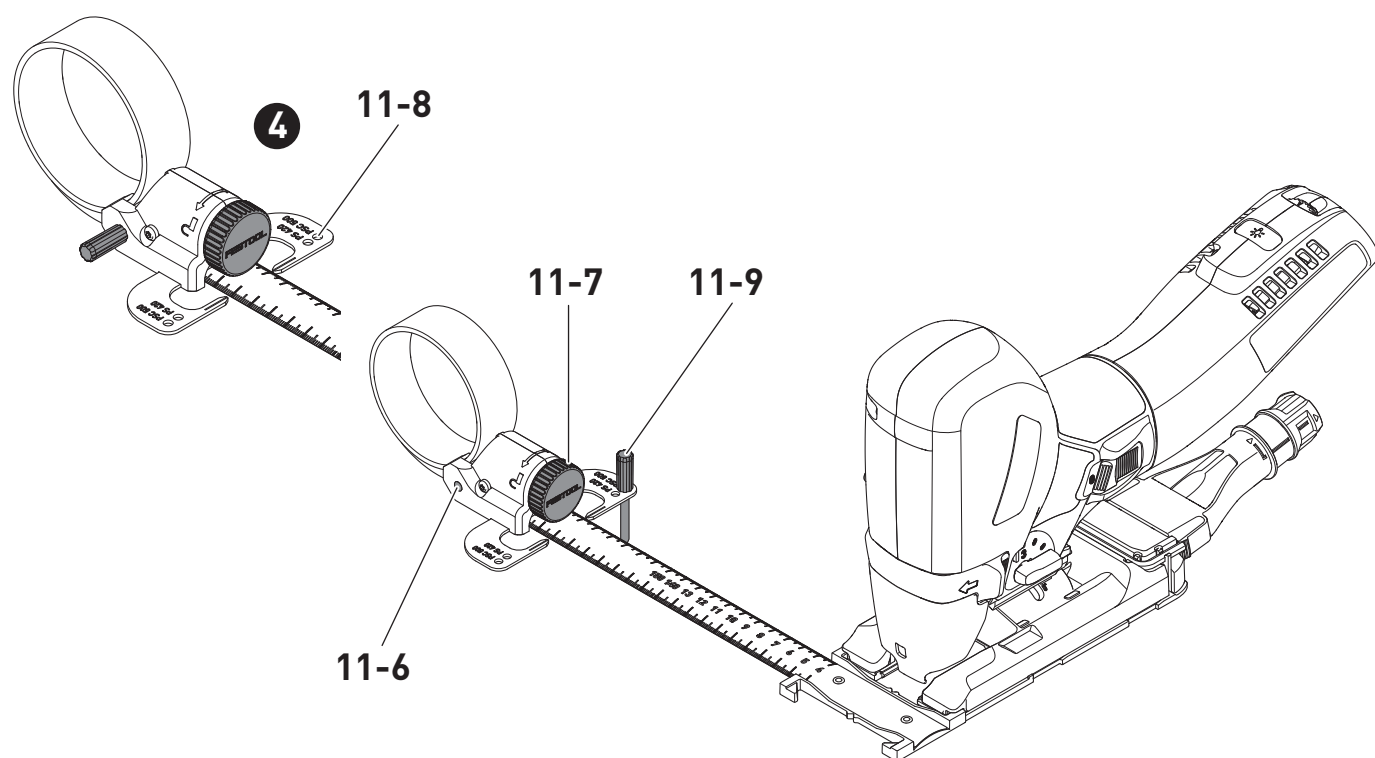
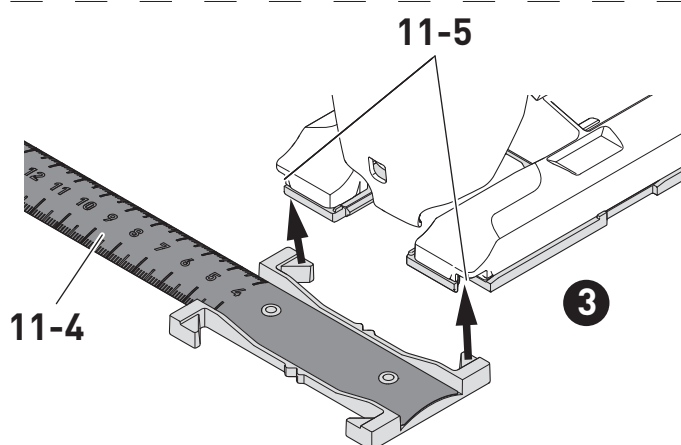
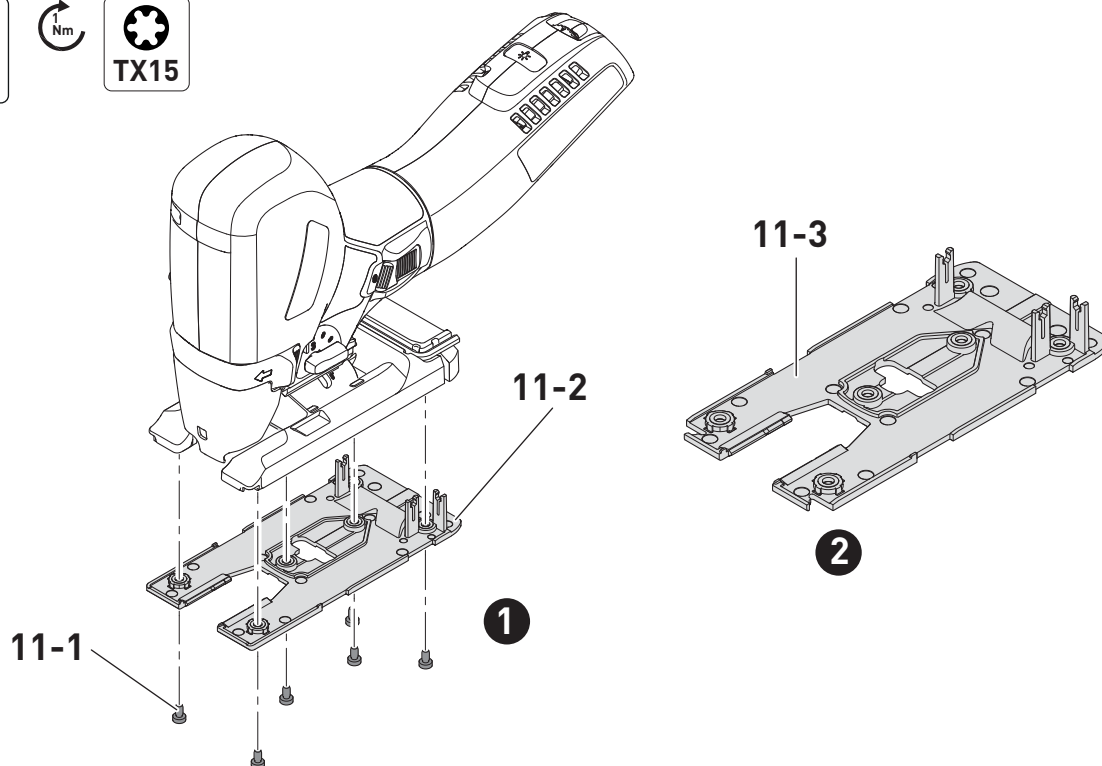
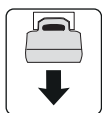
10-3



10B



11



de: EU-Konformitätserklärung. Wir erklären in alleiniger Verantwortung, dass dieses Produkt mit allen relevanten Anforderungen folgender EU-Richtlinien übereinstimmt, und folgende Normen oder normative Dokumente zugrunde gelegt wurden:

en: EU Declaration of Conformity. We declare under sole responsibility that this product complies with all the relevant requirements in the following EU Directives, and following standards or normative documents were applied:

fr: Déclaration de conformité de l'UE. Nous déclarons, sous notre seule responsabilité, que ce produit satisfait à toutes les exigences pertinentes des directives UE suivantes et repose sur les normes ou documents normatifs suivants:

es: Declaración UE de conformidad. Declaramos bajo nuestra responsabilidad que este producto cumple todos los requisitos relevantes de las siguientes directivas de la UE y que se han tomado como base las siguientes normas o documentos normativos:

bg: ЕС декларация за съответствие. Ние заявяваме на собствена отговорност, че настоящият продукт съответства на всички релевантни изисквания на следните Директиви на ЕС и следните стандарти и нормативни документи са взети под внимание:

cs: Prohlášení o shodě EU. Prohlašujeme s veškerou odpovědností, že tento výrobek splňuje všechny příslušné požadavky následujících směrnic EU a že byly použity následující normy nebo normativní dokumenty:

da: EU-overensstemmelseserklæring. Vi erklærer med eneansvar, at dette produkt er i overensstemmelse med alle relevante krav i følgende EU-direktiver, og at følgende standarder eller normative dokumenter danner grundlag for det:

el: Δήλωση συμμόρφωσης ΕΕ. Δηλώνουμε με αποκλειστική μας ευθύνη, ότι αυτό το προϊόν συμμορφώνεται με όλες τις σχετικές απαιτήσεις των ακόλουθων οδηγιών της ΕΕ και ότι έχουν χρησιμοποιηθεί τα ακόλουθα πρότυπα ή κανονιστικά έγγραφα:

et: EL-vastavusdeklaratsioon. Kinnitame ainuvastutajatena, et käesolev toode vastab järgmiste Euroopa Liidu direktiivide nõuetele ning on kooskõlas järgmiste standardite ja normatiivsete dokumentidega:

fi: EU-vaatimustenmukaisuusvakuutus. Vakuutamme yksinomaisella vastuulla, että tämä tuote täyttää seuraavien EU-direktiivien kaikki olennaiset vaatimukset ja se on seuraavien standardien tai standardiasiakirjojen mukainen:

hr: EU izjava o skladnosti. Izjavljujemo pod vlastitom odgovornošću da je ovaj proizvod u skladu sa svim važnim zahtjevi- ma sljedećih Direktiva EU i da se polazilo od sljedećih normi ili normativnih dokumenata:

hu: EU megfelelősségi nyilatkozat. Kizárólagos felelősségünk tudatában kijelentjük, hogy ez a termék az alábbi EU-irányelvek minden vonatkozó követelményének megfelel az alábbi szabványok vagy normatív dokumentumok alapul vételével:

it: Dichiarazione di conformità UE. Dichiariamo sotto nostra unica responsabilità che il presente prodotto sia conforme a tutti i requisiti di rilevanza definiti dalle seguenti Direttive UE e che siano stati applicati le seguenti norme o i seguenti documenti normativi:

lt: ES atitikties deklaracija. Prisiimdami visą atsakomybę pareiškiame, kad šis gaminyš tenkina visus svarbius toliau nurodytų ES direktyvų reikalavimus, ir kad jį projektuojant, buvo panaudotos toliau nurodytos normos arba normatyviniai dokumentai:

lv: ES atbilstības deklarācija. Mēs ar pilnu atbildību paziņojam, ka šis izstrādājums atbilst visām svarīgākajām šādu EK direktīvu prasībām un ir izgatavots atbilstoši šādiem standartiem vai normatīvajiem dokumentiem:

nb: EU-samsvarserklæring. Vi erklærer under eneansvar at dette produktet oppfyller alle relevante krav i følgende EU-di- rektiver og at følgende standarder eller normative dokumenter er blitt lagt til grunn:

nl: EU-conformiteitsverklaring. Wij verklaren en stellen ons ervoor verantwoordelijk dat dit product volledig voldoet aan alle volgende EU-richtlijnen en volgende normen of normatieve documenten daaraan ten grondslag gelegd werden:

pl: Deklaracja zgodności UE. Niniejszym oświadczamy naszą odpowiedzialność, że produkt ten spełnia wszystkie obowiązujące wymagania następujących dyrektyw UE, norm lub dokumentów normatywnych.

pt: Declaração de conformidade UE. Sob nossa inteira responsabilidade, declaramos que este produto está de acordo com todas as exigências relevantes das seguintes diretivas UE, tendo sido tomadas por base as seguintes normas ou documentos normativos:

ro: Declarație de conformitate UE. Declărăm pe proprie răspundere că acest produs este conform cu toate cerințele relevante din următoarele directive UE și că se bazează pe următoarele norme sau documente normative:

ru: Декларация о соответствии ЕС. Мы со всей ответственностью заявляем, что данная продукция соответствует всем применимым требованиям следующих Директив ЕС, стандартов и нормативных документов:

sk: EÚ vyhlásenie o zhode. Zodpovedne vyhlasujeme, že tentoprodukt súhlasí so všetkými relevantnými požiadavkami nasledujúcich smerníc EÚ a vychádza z nasledujúcich noriem alebo normatívnych dokumentov:

sl: EU izjava o skladnosti. S polno odgovornostjo izjavljamo, da je ta proizvod skladen z vsemi veljavnimi zahtevami naslednjih direktiv EU in da izpolnjuje zahteve naslednjih standardov ali normativnih dokumentov:

sv: EU-försäkran om överensstämmelse. Vi förklarar på eget ansvar att denna produkt uppfyller alla relevanta krav enligt följande EU-direktiv och baseras på följande normer eller normgivande dokument:

Akku-Stichsäge / Cordless jigsaw	Seriennummer / Serial number * T-Nr.
PSC 500 EB	10469354
PSBC 500 EB	10469355



2006/42/EC, 2014/53/EU, 2011/65/EU



We as the manufacturer declare under our sole responsibility that the product(s) fulfill(s) all the relevant provisions of the following UK Regulations and are manufactured in accordance with the following designated standards:

S.I. 2008/1597, S.I. 2017/1206, S.I. 2012/3032

EN 62841-1:2015+A11:2022
EN 62841-2-11:2016+A1:2020+A11:2024
EN 300 330 V2.1.1
EN 301 489-1 V2.2.3
EN 301 489-3 V2.3.2
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN IEC 62311:2020
EN IEC 63000:2018

Unterzeichnet für und im Namen von/ Signed on behalf of and in name of:

Festool GmbH

Wertstr. 20, 73240 Wendlingen, GERMANY

Wendlingen, 2026-01-27

Tim Weber

Leiter Produktkonformität / Head of Product Compliance

Befugt zur Zusammenstellung des technischen Dossiers / Authorised to compile the technical file

gegen Kurzschluss gesichert zurückgeben (z. B. durch das Isolieren der Pole mit Klebestreifen). Dadurch können sie effizient recycelt werden.

Gemäß Europäischer Richtlinie über Elektro- und Elektronik-Altgeräte und Umsetzung in nationales Recht, müssen verbrauchte Elektrogeräte getrennt gesammelt und einer umweltgerechten Wiederverwertung zugeführt werden.

Informationen zu den Rücknahmestellen sind unter www.festool.de/recycling einsehbar.

Informationen zu kritischen Stoffen: www.festool.de/reach

14 Allgemeine Hinweise

Hiermit erklärt Festool GmbH, dass PSC 500 EB, PSBC 500 EB der Richtlinie 2014/53/EU entspricht.

Die vollständige Konformitätserklärung ist verfügbar unter: www.festool.com/declaration-of-conformity

14.1 Lizenzhinweise

Lizenzhinweise zu den ggf. im Produkt verwendeten Open Source Lizenzen finden Sie in der Festool App* unter **Informationen > Open-Source-Lizenzen für Werkzeuge**.

English

Contents

1	Symbols.....	15
2	Safety warnings.....	15
3	Intended use.....	16
4	Technical data.....	16
5	Parts of the device.....	16
6	Battery pack.....	17
7	Transport and storage.....	17
8	Commissioning.....	17
9	Settings.....	17
10	Working with the electric power tool.....	18
11	Service and maintenance.....	19
12	Accessories.....	19
13	Environment.....	19
14	General information.....	20

1 Symbols

-  Warning of general danger
-  Warning of electric shock
-  Read the operating manual and safety warnings.
-  Wear a dust mask.
-  Wear ear protection.
-  Wear protective goggles.
-  Wear protective gloves when changing tools.
-  Inserting the battery pack.
-  Remove the battery pack.
-  Risk of crushing fingers and hands.

* Nicht für jedes Land verfügbar.

14.2 Informationen zum Datenschutz

Das Elektrowerkzeug enthält einen Chip zur automatischen Speicherung von Maschinen- und Betriebsdaten. Die gespeicherten Daten enthalten keinen direkten Personenbezug.

Die Daten können mit speziellen Geräten kontaktlos ausgelesen werden, und werden von Festool ausschließlich zur Fehlerdiagnose, Reparatur- und Garantieabwicklung sowie zur Qualitätsverbesserung bzw. Weiterentwicklung des Elektrowerkzeugs verwendet. Eine darüber hinausgehende Nutzung der Daten – ohne ausdrückliche Einwilligung des Kunden – erfolgt nicht.

14.3 Bluetooth®

Die Wortmarke Bluetooth® und die Logos sind eingetragene Marken von Bluetooth SIG, Inc. und werden von der TTS Tooltechnic Systems AG & Co. KG und somit von Festool unter Lizenz verwendet.



Light on/off

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

2.2 Safety instructions for reciprocating saws

- **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.

2.3 Further safety instructions

- Harmful dust may be created, e.g. when processing lead-containing paintwork, metals and certain types of wood. **Comply with the safety regulations that apply in your country.** Contact with or inhalation of this dust may pose a risk for the operating personnel or persons in the vicinity.
- **Wear suitable personal protective equipment:** Ear protection and safety glasses.
- **Use suitable breathing protection to protect your health.** In enclosed spaces, ensure that there is sufficient ventilation and connect a mobile dust extractor.
- **Do not install the power tool in a work bench.** The power tool may become unsafe and cause serious accidents if installed in work benches from other manufacturers or self-manufactured work benches.
- **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.

- **Ensure that the on/off switch is working correctly.** A power tool that can no longer be switched on or off is dangerous and must be repaired by a specialist workshop.
- Always position the power tool on the workpiece with the saw blade running.
- Always switch off the power tool before you pull it out of the workpiece.
- **Wait until the power tool has come to a complete halt before placing the power tool down.** The insertion tool can get caught and lead to a loss of control of the power tool.
- Deformed or cracked saw blades and saw blades with blunt or broken cutting edges must not be used.
- **Warning of harmful light radiation. Do not look directly into the light beam. Do not direct the light beam towards other people or animals.** Optical radiation can damage the eyes.
- **Keep the unused battery pack away from paper clips, coins, keys, nails, screws and other small metal objects which could cause bridging of the contacts.** A short circuit between the battery contacts poses a risk of burns or fire.
- **Do not use power supply units to operate cordless power tools. Only use the intended battery packs. 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.
- **Only for AS/NZS:** The tool shall always be supplied via residual current device with a rated residual current of 30 mA or less.

2.4 Metal processing

When processing metal, the following measures must be taken for safety reasons:

- Wear suitable protective goggles.
- Connect the power tool to a suitable dust extractor with an antistatic suction hose.
- Use a saw blade that is suitable for machining metal.
- Use the steel base runner **[10-1]** for sawing metal.
- When sawing panels, use petroleum for lubrication; thin-walled profiles (up to 3 mm) can be sawed without lubrication.

After machining metal

- Remove the battery pack.
- Extract any dust from the interior of the power tool through the vents. Otherwise, conductive dust deposits may build up inside the power tool and lead to a short-circuit.

2.5 Emission levels

The levels determined in accordance with EN 62841 are typically:

Sound pressure level	$L_{PA} = 91 \text{ dB(A)}$
Sound power level	$L_{WA} = 99 \text{ dB(A)}$
Uncertainty	$K = 5 \text{ dB}$

CAUTION! The specified values may be exceeded during operation. Always use ear protection.

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

		PSC 500 EB	PSBC 500 EB
Sawing chipboard	$a_{h,B}$	$< 7 \text{ m/s}^2$	$< 6 \text{ m/s}^2$
Sawing sheet metal	$a_{h,M}$	$< 8 \text{ m/s}^2$	$< 6 \text{ m/s}^2$

Sawing chipboard	$p_{F,B}$	$\leq 230 \text{ m/s}^2$	$\leq 223 \text{ m/s}^2$
Sawing sheet metal	$p_{F,M}$	$\leq 297 \text{ m/s}^2$	$\leq 202 \text{ m/s}^2$
Uncertainty	K	1.5 m/s^2	1.5 m/s^2

The specified emissions values (vibration, noise) are used to compare machines. They are also used for making preliminary estimates regarding vibration and noise loads during operation and represent the primary applications of the power tool.

CAUTION! 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.

- Assess the actual load during the entire operating cycle.
- Determine suitable safety measures depending on the actual load.

3 Intended use

The cordless pendulum jigsaws are designed for sawing cutouts, notches, contour cuts, longitudinal and cross cuts in materials such as wood, materials similar to wood, sheet metal, plastics, mineral panel materials and insulating materials.

The user is liable for improper or non-intended use.

4 Technical data

Cordless pendulum jigsaw		PSC 500 EB	PSBC 500 EB
Motor voltage		18 V $\overline{\text{---}}$	
Stroke rate*		1500 – 3800 rpm	1000 – 3800 rpm
Stroke length		26 mm	
Pendulum stroke		4 settings	
Max. inclination to both sides		45°	
Max. cutting depth (depending on saw blade)	Wood	120 mm	
	Aluminium	20 mm	
	Steel	10 mm	
Weight excl. battery pack		2.3 kg	2.4 kg
Compatible battery packs		Festool series BP 18 $\geq 4 \text{ Ah}$	

* Stroke rate values based on fully charged battery pack

5 Parts of the device

- [1-1]** Saw blade
- [1-2]** Saw blade mount
- [1-3]** Saw blade clamping lever
- [1-4]** Chip guard
- [1-5]** Insulated gripping surface
- [1-6]** Insulated handle
- [1-7]** Cooling air openings
- [1-8]** Light button
- [1-9]** Adjusting wheel for stroke rate control
- [1-10]** Buttons to release the battery pack
- [1-11]** Battery pack
- [1-12]** On/off switch
- [1-13]** Hex key
- [1-14]** Key storage box
- [1-15]** Pendulum stroke switch
- [1-16]** Saw table
- [1-17]** Base runner
- [1-18]** Saw blade guide
- [1-19]** Safety lock (only PSBC 500 EB)
- [1-20]** Variable speed trigger (only PSBC 500 EB)

[1-21] D handle (only PSBC 500 EB)

[1-22] Insulated gripping surface (PSBC 500 EB)

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

6 Battery pack

Before using the battery pack, check that the battery interface is clean. Any contamination of the battery interface may impair correct contact and lead to the contacts being damaged.

A faulty contact may result in the machine overheating or being damaged.

[2A] Remove the battery pack.

[2B]  Insert the battery pack until it clicks into place.

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

7 Transport and storage

CAUTION

Risk of fire due to short circuit

Risk of injury

- Transport and store the power tool with the saw blade ejected and disconnected from the battery pack.
- Store the hex key **[1-13]** in the key storage box **[1-14]** after every use.

8 Commissioning

8.1 Switching on/off

The power tool has an on/off switch **[1-12]** to switch it on and off (I = ON; 0 = OFF).

The PSBC 500 EB also has a variable speed trigger **[1-20]** with a safety lock **[1-19]**, which makes it possible to start the power tool without the on/off switch.

For continuous operation, use the on/off switch **[1-12]**.

9 Settings

WARNING

Risk of injury

- Remove the battery pack from the power tool before performing any work on the power tool.

9.1 Electronics

Stroke rate control

You can use the adjusting wheel to continuously adjust the stroke rate in the stroke rate range (see section 4). This enables you to optimise the cutting speed to suit each material.

Material	Stroke rate level
Hard and soft wood, blockboard, plywood, chipboard	6 / A
Fibreboard	4 – 6 / A
Plastic	3 – 6 / A
Ceramic, aluminium, non-ferrous metals	3 – 5
Mineral panel materials	1 – 3
Steel	2 – 4
Insulating materials	5 – 6 / A

Stroke rate level A: The power tool runs at a reduced speed and then, under load, switches up to maximum speed.

Overload safety device

The power supply is disconnected completely if the power tool is overloaded to extremes. You will need to switch off the power tool before you can use it again.

Temperature cut-out

The power tool switches off to prevent overheating. It can be switched on again once it has cooled down.

Brake

The saw blade is stopped electronically within two seconds of switching off the machine.

Restart protection

The built-in restart protection prevents the power tool from starting up again automatically if the power is disconnected during continuous use. To put the power tool back into operation, it must first be switched off and then on again.

9.2 Selecting the saw blade

Festool jigsaw blades are colour-coded. Each colour represents the material for which the saw blade is suited.

Colour Material

Yellow	Hard and soft wood, blockboard, plywood, chipboard, wood fibreboard
Red	Plastic
Blue	Aluminium, non-ferrous metals, steel
Green	Ceramics, insulating materials, mineral panel materials

Only saw materials for which the saw blade in question has been designed.

9.3 Changing the saw blade

CAUTION

Risk of injury from hot and sharp tool.

- Do not use blunt or faulty tools.
- Wear protective gloves when handling the tool.

Inserting the saw blade [3A]

- Pull the clamping lever **[3-2]** as far as the stop and hold it there.
- Insert the saw blade **[3-3]** into the saw blade mount **[3-1]** as far as the stop with its teeth in the cutting direction.
- Release the clamping lever again.

CAUTION! Whenever you change a saw blade, always check that it is securely in place.

CAUTION! The saw blade falls out. Damage to the workpiece

- Only use saw blades with a T-shank.

Ejecting the saw blade [3B]

CAUTION! When ejecting the saw blade, do not aim at persons standing in the vicinity.

- Pull the clamping lever **[3-2]** as far as the stop.
- ☑ The saw blade is ejected.
- Release the clamping lever.

When changing the saw blade is not possible:

- Let the cordless pendulum jigsaw run at a high speed for 3–10 seconds.
- Actuate the clamping lever again.

Adjust the saw blade guide after every saw blade change [5]

The saw blade guide was designed to improve guidance of the saw blade. Use the eccentric bolt **[5-1]** to adjust the saw blade guide.

- For thin saw blades, turn the eccentric bolt **[5-1]** forwards into position **[5-2]** using the hex key **[1-13]**. For thick saw blades, move it to the rear into position **[5-3]**.

9.4 Inserting the splinter guard [4]

The splinter guard enables cuts with splinter-free cutting edges.

- ▶ With the power tool switched off, push the splinter guard [4-1] with the recess [4-2] facing upwards onto the guide [4-3] as far as the saw blade.
- ▶ Switch on the power tool [see section 8.1].
- ▶ **Risk of slipping!** Make sure that the surface used for counterpressure is sufficiently wide and stable to ensure safe force transmission. With the power tool running with the splinter guard protruding, push onto an even surface and cut into the splinter guard with stroke rate level 6.

☑ The splinter guard is cut into.

ⓘ To guarantee reliable operation of the splinter guard, it must seal tightly on both sides of the saw blade. Use a new splinter guard after every saw blade change to guarantee splinter-free cuts.

9.5 Adjusting the pendulum stroke

The pendulum stroke on the cordless pendulum jigsaw can be adjusted to machine different materials with the correct rate of advance. Select the required setting using the pendulum stroke switch [1-15]:

Position 0 = pendulum stroke off

Position 3 = maximum pendulum stroke

Material	Pendulum stroke adjustment
Soft wood, chipboard, fibreboard, mineral panel materials	1 – 3
Blockboard, plywood, plastic	1 – 2
Ceramics	0
Aluminium, non-ferrous metals	0 – 2
Steel, hard wood	0 – 1
Insulating materials	0

9.6 Setting the angle of the saw table [6]

For bevel cuts, the saw table can be swivelled to either side by up to 45°.

- ▶ Open the hexagon socket screw [6-1] slightly with the hex key [6-5] to release the saw table [6-3].
- ▶ Push the saw table forwards as far as the stop.
- ▶ Set the required inclination using the angle scale [6-2]. The centre position 0° has a detent stop [6-4] and is preset ex works.
- ▶ Push the saw table back as far as the stop.
- ▶ Tighten the hexagon socket screw to a tightening torque of 4 Nm.

9.7 Chip guard

Fitting the chip guard [7A]

- ▶ Place the chip guard [7-2] on the protective guard [7-3] frontally and slide onto the clamping lever [7-4] until the chip guard clicks into place.

Removing the chip guard [7B]

- ▶ Pull the chip guard [7-2] away from the clamping lever [7-4] using the tab [7-1].

9.8 Lighting [8]

A light is built in to illuminate the work area.

Switching the light on/off

The light [8-2] can be switched on and off using the light button [8-1] both during operation and when the power tool is switched off.

If the power tool is switched off, the lighting switches off after a few seconds.

The power tool saves the last setting until the light button [8-1] is pressed again.

Pressing and holding the light button for five seconds will reset all settings configured using the Festool App to factory settings.

9.9 Dust extraction [9]



WARNING

Health hazard posed by dust

- ▶ Never work without dust extraction.
- ▶ Observe the national regulations.
- ▶ Wear a dust mask.

The extraction adapter [9-1] allows the cordless pendulum jigsaw to be connected to a mobile dust extractor with a hose diameter of 27 mm.

Fitting the extraction adapter

- ▶ Insert the extraction adapter [9-1] in the rear opening of the saw table so that the hooks [9-3] engage in the recess [9-2].

Removing the extraction adapter

- ▶ Press both hooks and pull out of the saw table.

Requirements for the mobile dust extractor

Nominal hose diameter	≥27 mm
Flow rate	>11 l/s >41 m³/h
Recommended filter efficiency	Dust class M or better ^[2]

Observe the operating manual of the mobile dust extractor. The mobile dust extractor must be suitable for the material you are working on. If the suction power decreases, stop working and eliminate the cause.

9.10 Festool app*

The power tool can be configured with the Festool app. To do this, the battery pack used must be a **Bluetooth®** battery pack.

- ⓘ The battery pack is connected via Bluetooth®, see the operating manual for the battery pack.
- ⓘ You can find further information about operating the power tool in the Festool app.

The current software version and available updates can be accessed via the Festool app for the power tool or battery pack.

* Not available in all countries.

10 Working with the electric power tool

Observe the following safety warnings when working:

- Never hold the workpiece with your hand when sawing.
- Select the saw blade length so that the saw blade does not protrude from the top of the workpiece and always remains plunged in the workpiece.
- Do not work with materials which produce a lot of dust overhead.
- When working on small or thin workpieces, always use a stable base.

When working, hold the PSC 500 EB by both hands using the handle [1-6] and the gripping surface [1-5] (or the PSBC 500 EB using the D handle [1-21] and the gripping surface [1-22]) and guide the power tool along the scribe mark.

[2] Use dust class M or H for hazardous types of dust such as wood, quartziferous materials and paints or varnishes.

10.1 Free saw guidance along a scribe mark

The triangular pointer on the splinter guard [4-1] facilitates sawing along a scribe mark.

10.2 Acoustic warning signals

Acoustic warning signals sound if the following operating states arise:

Signal	Cause	Action
Beeps once. 	The battery pack is empty/incompatible.	Charge/change the battery pack.
	The power tool has overloaded.	Reduce the load on the power tool.
	When pressing the on/off switch: The power tool has overheated.	Once it has cooled down, restart the power tool.
Beeps continuously. 	The power tool is faulty.	Contact the manufacturer to rectify the fault.

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.
- Have all maintenance and repair work that requires the motor housing to be opened carried out by an authorised service workshop.

Customer service and repairs must only be carried out by the manufacturer or service workshops. You must only use **original Festool spare parts**.

Further information: www.festool.co.uk/service

11.1 Observe the following information

- Check the saw blade guide [1-18] regularly for wear.
- Regularly clean the base runner [1-17] to prevent scratches and grooves on the surface.
- Damaged safety devices and components must be repaired or replaced in a recognised specialist workshop, unless otherwise indicated in the operating instructions.
- 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 and battery pack clean.

11.2 Cleaning the chip space

Clean the chip space regularly to prevent blockages:

- Clean the chip space with a brush or using suction.

12 Accessories

You can find the PO numbers for accessories and tools under www.festool.co.uk.

12.1 Sawing with a steel base runner for sawing in metal



CAUTION

Metal cuttings underneath the base runner may damage the workpiece.

- Use the steel base runner for sawing metal.

Fitting a steel base runner [10A]

- Place the steel base runner [10-1] from below onto the base runner on the underside of the saw table [10-2].
- Insert the steel base runner into the catches [10-3] and push it back until the steel base runner engages in the saw table.

Removing the steel base runner [10B]

- Push the steel base runner [10-1] forwards to release the latching.
- Lift the steel base runner off the base runner on the underside of the saw table [10-2].

- ⓘ If the steel base runner becomes jammed on the saw table, the protruding rear edge [10-4] can be supported on an object.

12.2 Cutting with the core maker [11]

The core maker can be used to create circular cuts with a diameter between 92 mm and 3000 mm. The core maker can be mounted directly on the power tool. To do this, replace the preinstalled standard base runner with the core maker base runner.

ACHTUNG! Observe the maximum material thickness of 20 mm and only use cross-set saw blades (FSG).

- Undo the screws [11-1] with a Torx wrench and remove the preinstalled standard base runner [11-2].
- Position the core maker base runner [11-3] and install it by tightening the screws supplied to a torque of 1 Nm.

- ⓘ The core maker base runner can also be used for sawing without a core maker without having to replace it with the standard base runner.

- Insert the tape measure [11-4] into the recesses on the core maker base runner [11-5].
- Using the rotary knob [11-7], loosen the tape measure clamp and set the required radius.
- Fix the tape measure in place using the rotary knob.
- Insert the centring mandrel [11-9] into the hole on the core maker [11-8] intended for the PSC 500 EB/ PSBC 500 EB.

- ⓘ Store the centring mandrel in the mandrel holder [11-6].

Recommended settings when using the core maker

- Cut in an anticlockwise direction.
- Work at a slow rate of advance.
- Set the pendulum stroke to 0–1.
- Set the stroke rate to 1–6.

13 Environment



Do not dispose of electrical devices, used batteries and battery packs in the household waste. Recycle devices, accessories and packaging. Observe applicable national regulations.

Before disposing of used batteries, battery packs and lamps, separate them from the electrical device without destroying them. Used or defective batteries and battery packs may only be returned if they are discharged and protected against short-circuiting (e.g. by insulating the terminals with adhesive tape). This means they can be recycled efficiently.

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

Information on the collection points can be viewed at www.festool.co.uk/recycling.

Information on critical materials: www.festool.co.uk/reach