



Professional HEAVY DUTY

GTH 18V-14

Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

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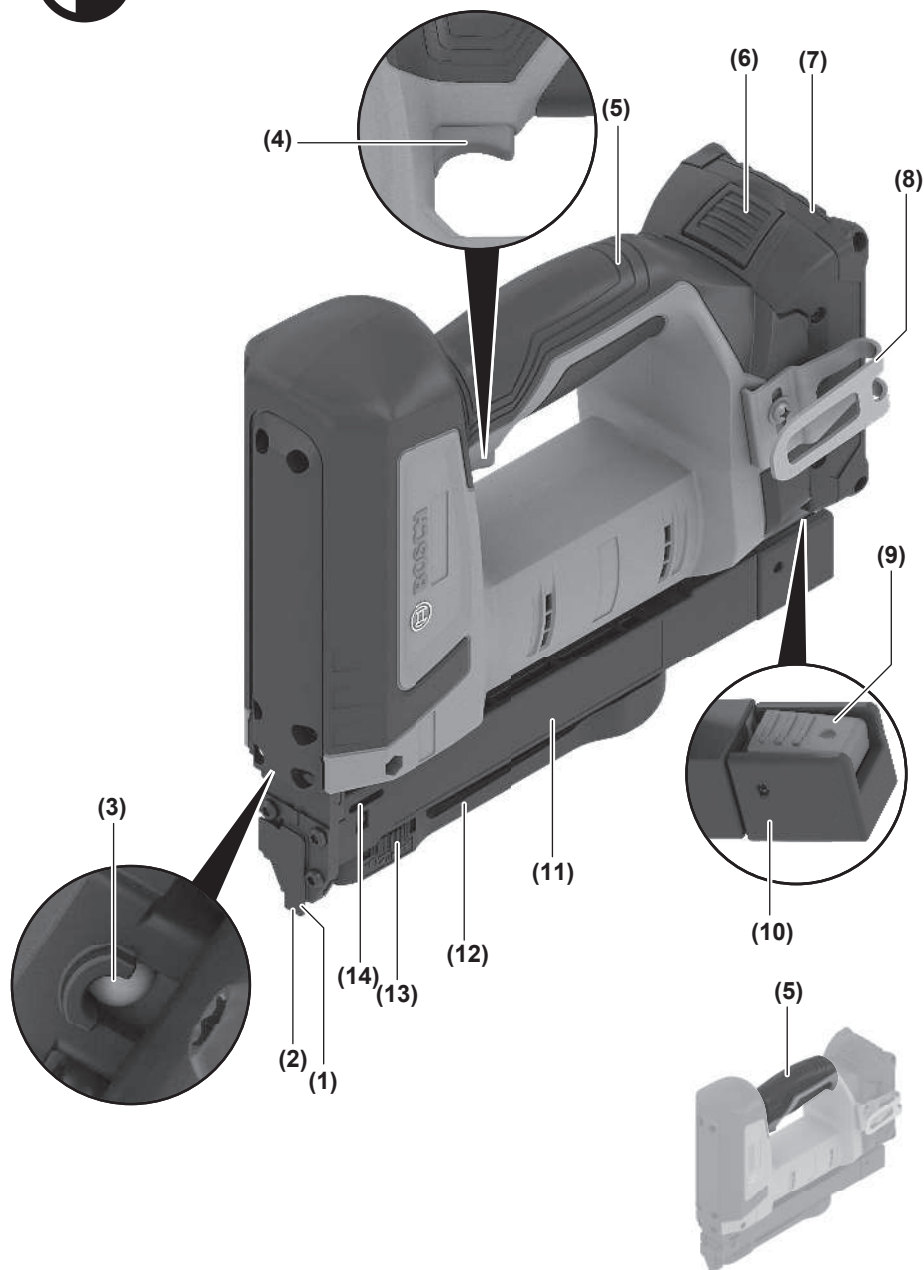


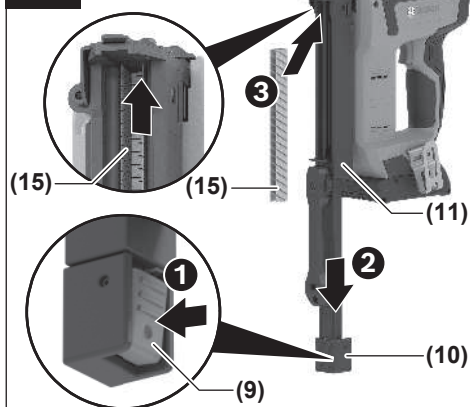
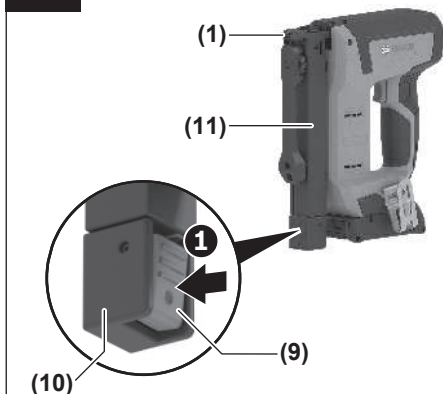
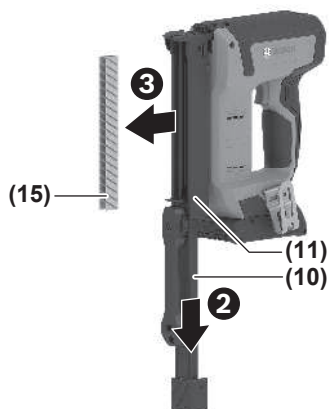
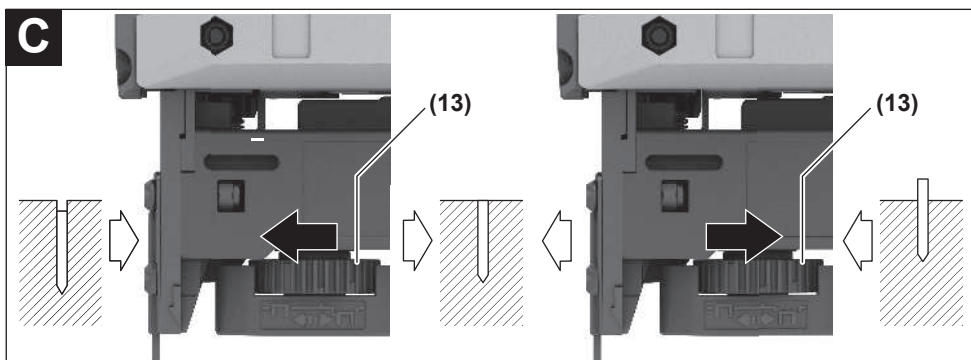
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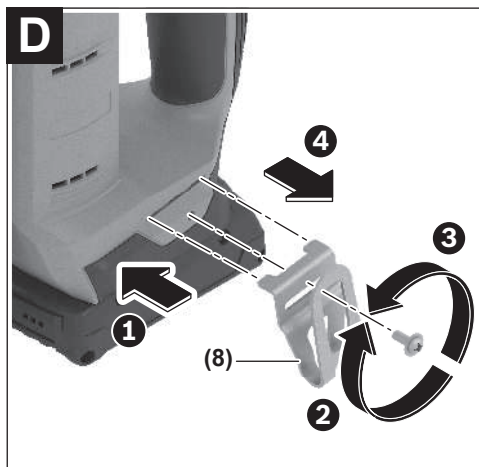


Dansk Side 6





A1**A2****B1****B2****C**



Dansk

Sikkerhedsinstrukser

Generelle sikkerhedsanvisninger for el-værktøj

⚠ ADVARSEL Læs alle sikkerhedsadvarsler, instruktioner, illustrationer og specifikationer, som følger med el-værktøjet. I tilfælde af manglende overholdelse af anvisningerne nedenfor er der risiko for elektrisk stød, brand og/eller alvorlige personskader.

Opbevar alle sikkerhedsinstrukser og anvisninger til senere brug.

Betegnelsen "el-værktøj" i advarslerne refererer til dit (ledningsforbundne) el-værktøj tilsluttet lysnettet eller til batteridrevet (ledningsfrit) el-værktøj.

Sikkerhed på arbejdspladsen

- **Hold arbejdsområdet rent og godt oplyst.** Rodede eller mørke områder kan medføre ulykker.
- **Brug ikke el-værktøjet i eksplosionsfarlige omgivelser, hvor der findes brændbare væsker, gasser eller støv.** El-værktøj kan slå gnister, der kan antænde støv eller dampe.
- **Sørg for, at andre personer og ikke mindst børn holdes væk fra arbejdsområdet, når el-værktøjet er i brug.** Hvis man distraheres, kan man miste kontrollen over maskinen.

Elektrisk sikkerhed

- **El-værktøj må ikke udsættes for regn eller fugt.** Indtrængen af vand i el-værktøj øger risikoen for elektrisk stød.

Personlig sikkerhed

- **Det er vigtigt at være opmærksom og holde øje med, hvad man laver, og bruge el-værktøjet fornuftigt.** Brug ikke el-værktøj, hvis du er træt, har indtaget alkohol eller er påvirket af medikamenter eller euforiserende stoffer. Få sekundens uopmærksomhed ved brug af el-værktøjet kan føre til alvorlige personskader.
- **Brug personligt beskyttelsesudstyr.** Brug altid beskyttelsesbriller. Brug af sikkerhedsudstyr som f. eks. støvmaske, skridsikkert fodtøj, beskyttelseshjelm eller høreværn afhængig af maskintype og anvendelse nedsætter risikoen for personskader.
- **Undgå utilsigtet igangsætning. Kontrollér, at el-værktøjet er slukket, før du tilslutter det til strømtilførslen og/eller batteriet, løfter eller bærer det.** Undgå at bære el-værktøjet med fingeren på afbryderen og sørg for, at el-værktøjet ikke er tændt, når det sluttes til nettet, da dette øger risikoen for personskader.
- **Gør det til en vane altid at fjerne indstillingsværktøj eller skruenøgle, før el-værktøjet startes.** Hvis et stykke værktøj eller en nøgle sidder i en roterende maskindel, er der risiko for personskader.

- **Undgå en unormal legemssposition. Sørg for at stå sikkert, mens der arbejdes, og kom ikke ud af balance.** Dermed har du bedre muligheder for at kontrollere el-værktøjet, hvis der skulle opstå uventede situationer.
- **Brug egnet arbejdstøj.** Undgå løse beklædningsgenstande eller smykker. Hold hår og tøj væk fra dele, der bevæger sig. Dele, der er i bevægelse, kan gribe fat i løstsiddende tøj, smykker eller langt hår.
- **Hvis støvudsugnings- og opsamlingsudstyr kan monteres, er det vigtigt, at dette tilsluttes og benyttes korrekt.** Brug af en støvsugning kan reducere støvmængden og dermed den fare, der er forbundet med støv.
- **Selvom du kender værktøjet godt og er vant til at bruge det, skal du alligevel være opmærksom og overholde sikkerhedsanvisningerne.** Et øjeblik uopmærksomhed kan medføre alvorlige personskader.

Omhyggelig omgang med og brug af el-værktøj

- **Undgå overbelastning af el-værktøjet.** Brug altid el-værktøj, der er beregnet til det stykke arbejde, der skal udføres. Med det passende el-værktøj arbejder man bedst og mest sikkert inden for det angivne effektområde.
- **Brug ikke el-værktøj, hvis afbryderen er defekt.** El-værktøj, der ikke kan startes eller stoppes, er farligt og skal repareres.
- **Træk stikket ud af stikkontakten og/eller fjern batteriet, hvis det kan tages af, før el-værktøjet justeres, før skift af tilbehørsdele og før el-værktøjet lægges til opbevaring.** Disse sikkerhedsforanstaltninger forhindrer utilsigtet start af el-værktøjet.
- **Opbevar ubenyttet el-værktøj uden for børns rækkevidde.** Lad aldrig personer, der ikke er fortrolige med el-værktøjet eller ikke har gennemlæst disse instrukser, benytte el-værktøjet. El-værktøj er farligt, hvis det benyttes af ukyndige personer.
- **Vedligehold el-værktøj og tilbehørsdele.** Kontroller, om bevægelige maskindele fungerer korrekt og ikke sidder fast, og om delene er brækket eller beskadiget, således at el-værktøjets funktion påvirkes. Få beskadigede dele repareret, inden el-værktøjet tages i brug. Mange uheld skyldes dårligt vedligeholdt el-værktøj.
- **Sørg for, at skæreværktøjer er skarpe og rene.** Omhyggeligt vedligeholdt skæreværktøjer med skarpe skærekanten sætter sig ikke så hurtigt fast og er nemmere at føre.
- **Brug el-værktøj, tilhører, indsatsværktøj osv. iht. disse instrukser.** Tag hensyn til arbejdsforholdene og det arbejde, der skal udføres. Anvendelse af el-værktøjet til formål, som ligger uden for det fastsatte anvendelsesområde, kan føre til farlige situationer.
- **Hold håndtag og gribeblader tørre, rene og fri for olie og smørefedt.** Hvis håndtag og gribeblader er glatte, kan værktøjet ikke håndteres og styres sikkert, hvis der sker noget uventet.

Omhyggelig omgang med og brug af akku-værktøj

- ▶ **Oplad kun batterier i ladeapparater, der er anbefalet af producenten.** Et ladeapparat, der er egnet til en bestemt type batterier, må ikke benyttes med andre batterier – brandfare.
- ▶ **Brug kun batterier, der er beregnet til el-værktøjet.** Brug af andre batterier øger risikoen for personskader og er forbundet med brandfare.
- ▶ **Batterier, der ikke benyttes, må ikke komme i berøring med metaldele såsom kontorclips, mønter, nøgler, søm, skruer eller andre små metalgenstande, da disse kan kortslutte kontakterne.** En kortslutning mellem batteri-kontakterne øger risikoen for personskader i form af forbrændinger.
- ▶ **Hvis batteriet anvendes forkert, kan der slippe væske ud af batteriet - undgå kontakt.** Hvis det alligevel skulle ske, skylles med vand. Søg læge, hvis væsken kommer i øjnene. Batterivæske kan give hudirritation eller forbrændinger.
- ▶ **Brug ikke batterier eller værktøj, som er beskadiget eller modificeret.** Beskadigede eller modificerede batterier kan reagere uforudsigeligt og forårsage brand, eksplosion eller fare for personskade.
- ▶ **Batterier eller værktøj må ikke udsættes for ild eller meget høje temperaturer.** Ild eller temperaturer over 130 °C kan medføre eksplosion.
- ▶ **Følg alle instruktioner for opladning.** Batteriet må ikke oplades ved temperaturer uden for det område, der er angivet i instruktionerne. Forkert opladning eller opladning ved temperaturer uden for det angivne område kan medføre skader på batteriet og forøge brandfaren.

Service

- ▶ **Sørg for, at el-værktøj kun reparerer af kvalificerede fagfolk og at der kun benyttes originale reservedele.** Dermed sikres størst mulig maskinsikkerhed.
- ▶ **Beskadigede batterier må aldrig reparerer.** Reparation af batterier må kun udføres af producenten eller autoriserede reparatører.

Sikkerhedsanvisninger for hæftemaskine

- ▶ **Gå altid ud fra at hæftepistolen indeholder hæfteklammer.** Uforsigtig håndtering af hæftepistolen kan medføre utilsigtet udskydning af søm og personskade.
- ▶ **Afbryd hæftepistolen fra strømforsyningen under fyldning og udtagning af hæfteklammer, justering eller tilbehørsskift.** Hæftepistolen kan blive aktiveret ved en fejl, hvis den er sluttet til strømforsyningen, hvilket kan resultere i personskade.
- ▶ **Vær forsigtig ved håndtering af hæfteklammer, især under fyldning og udtagning.** Hæfteklammerne er spidse og kan forårsage personskade.
- ▶ **Ret ikke værktøjet mod dig selv eller andre personer i nærheden.** Utilsigtet aktivering af aftrækkeren affyrer en hæfteklamme, som kan forårsage personskade.
- ▶ **Hold fingrene væk fra aftrækkeren, når hæftepistolen ikke betjenes, og når du flytter dig fra en arbejdsposi-**

tion til en anden. Uventet aktivering vil affyre en klamme, hvilket kan medføre personskade.

- ▶ **Hold fast om hæftepistolens isolerede gribeblader, når du udfører arbejde, hvor hæfteklammen kan komme i kontakt med skjulte kabler.** Hvis en hæfteklamme kommer i kontakt med en "strømførende" ledning, kan blottede metaldele på sømpistolen blive "strømførende", hvorved brugeren risikerer at blive udsat for elektrisk stød.
- ▶ **Hold godt fast om hæftepistolen under brug.** Hvis hæftepistolen springer uventet tilbage, kan den blive aktiveret igen og forårsage personskade.
- ▶ **Hold alle kropsdelen som f.eks. hænder og ben væk fra hæftepistolens affyrringsretning.** Hæfteklammen kan trænge gennem arbejdsområdet og ind i enhver bagvedliggende genstand og forårsage personskade.
- ▶ **Når du bruger hæftepistolen, skal du holde alle kropsdelen som hænder og ben væk fra det område, hvor hæfteklammen rammer ind i arbejdsområdet.** Hæfteklammen kan blive afbøjet og slået tilbage fra arbejdsområdet med eventuel personskade til følge.
- ▶ **Benet ikke hæftepistolen før det er anbragt sikkert mod arbejdsområdet.** Hvis hæftepistolen ikke har kontakt med arbejdsområdet, kan hæfteklammen prelle af mod arbejdsområdet med personskade til følge.
- ▶ **Brug ikke denne hæftepistol til fastgørelse af elektriske ledninger.** Den er ikke beregnet til elektriske ledningsinstallationer og kan beskadige isoleringen på elektriske ledninger, hvilket kan medføre elektrisk stød og brand.
- ▶ **Afbryd hæftepistolen fra strømkilden, hvis en hæfteklamme sidder fast i sømpistolen.** Under fjernelse af en fastklemt hæfteklamme, kan hæftepistolen blive aktiveret ved en fejl, hvis den er sluttet til strømforsyningen, hvilket kan medføre personskade.
- ▶ **Vær forsigtig ved fjernelse af en fastklemt hæfteklamme.** Mekanismen kan være under tryk, og hæfteklammen kan blive skudt ud, hvilket kan medføre personskade.
- ▶ **Anvend egnede søgeinstrumenter til at finde frem til skjulte forsyningsledninger, eller kontakt det lokale forsyningselskab.** Kontakt med elektriske ledninger kan føre til brand og elektrisk stød. Beskadigelse af en gasledning kan føre til eksplosion. Beskadigelse af en vandledning kan føre til materiel skade.
- ▶ **Beskadiges akkuen, eller bruges den forkert, kan der sive dampe ud. Akkuen kan antændes eller eksplodere.** Tilfør frisk luft, og søg læge, hvis du føler dig utilpas. Dampene kan irritere luftvejene.
- ▶ **Akkuen må ikke ændres eller åbnes.** Fare for kortslutning.
- ▶ **Akkuen kan blive beskadiget af spidse genstande som f.eks. søm eller skruetrækkere eller ydre kraftpåvirkning.** Der kan opstå indvendig kortslutning, så akkuen kan antændes, ryge, eksplodere eller overophedes.

- **Brug kun akkuen i produkter fra producenten.** Kun på denne måde beskyttes batteriet mod farlig overbelastning.



Beskyt akkuen mod varme (f.eks. også mod varige solstråler, brand, snavs, vand og fugtighed). Der er risiko for eksplosion og kortslutning.

Symboler og deres betydning

De efterfølgende symboler kan være af betydning for dit el-værktøj. Læg mærke til symbolerne og overhold deres betydning. En rigtig forståelse af symbolerne er med til at sikre en god og sikker brug af el-værktøjet.

Symboler og deres betydning



Brug høreværn. Støjpåvirkning kan føre til tab af hørelse.



Brug sikkerhedsbriller.

Produkt- og ydelsesbeskrivelse

Beregnet anvendelse

El-værktøjet er beregnet til inddrivning af klammer i træ. Der må kun bruges inddrivningsgenstande (søm, klammer etc.), som er angivet i tabellen "Tekniske data".

Bemærk! El-værktøjet er ikke beregnet til inddrivning af klammer i metal eller beton.

Viste komponenter

Nummereringen af de illustrerede komponenter refererer til illustrationen af el-værktøjet på illustrationssiden.

- (1) Udlørsikring
- (2) Munding
- (3) Arbejdslys
- (4) Udløser
- (5) Håndtag (isoleret grebsflade)
- (6) Akku-udløserknap
- (7) Akku
- (8) Bæltékrog
- (9) Knap til åbning af magasinet
- (10) Magasinskyder
- (11) Magasin
- (12) Dybdeanslag
- (13) Indstillingshjul til indstilling af dybdeanslag
- (14) Skueglas på efterfyldningsvisningen

(15) Klammerækker^{a)}

a) Dette tilbehør hører ikke til standard-leveringen.

Tekniske data

Akku-hæftemaskine		GTH 18V-14
Varenummer		3 601 D82 8..
Nominel spænding	V=	18
Udlørsystemer		
– Enkeltudløser med udløser-sikring		●
– Berøringsudløser		●
Inddrivningsgenstand		
– Type		Fladtråds-klammer Bosch Typ 57
– Bredde på ryg	mm	10,6
– Længde	mm	6-14
– Tykkelse	mm	1,25
– Vinkel		0°
Maks. magasin-volumen		100
Mål (uden akku)		
– Højde	mm	223
– Bredde	mm	81
– Længde med kontaktelement	mm	247
Vægt ^{A)}	kg	1,8
Anbefalet omgivelsestemperatur ved opladning	°C	0 ... +35
Tilladt omgivelsestemperatur ved drift ^{B)} og ved opbevaring	°C	-20 ... +50
Kompatible akkuer		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Anbefalede akkuer til fuld ydelse		GBA 18V... ≥ 2,0 Ah
Anbefalede ladere		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

A) Uden akku (akkuens vægt fremgår af www.bosch-professional.com)

B) begrænset ydelse ved temperaturer < 0 °C

Værdierne kan variere afhængigt af produktet samt anvendelses- og miljøbetingelserne. Du kan finde flere oplysninger under www.bosch-professional.com/wac.

Støj-/vibrationsinformation

Støjemissionsværdier fundet iht. **EN IEC 62841-2-16**.

El-værktøjets A-vægtede støjniveau er typisk:

Lydtrykniveau **87** dB(A); Lydeffektniveau **97** dB(A). Usikkerhed $K = 3$ dB.

Brug høreværn!

Vibrationsværdier a_h (kontinuerlige vibrationer), p_f (gentagne stødvibrationer) og usikkerhed K bestemt i overensstemmelse med **EN IEC 62841-2-16**:

$a_h = 1,3 \text{ m/s}^2$ ($K = 1,5 \text{ m/s}^2$), $p_f = 1409 \text{ m/s}^2$ ($K = 63 \text{ m/s}^2$)

Det svingningsniveau og støjemissionsniveau, der fremgår af anvisningerne, er målt iht. en standardiseret måleværdi og kan anvendes til sammenligning af el-værktøj med hinanden. De er også egnet til en foreløbig vurdering af svingnings- og støjemissionen.

Det angivne svingnings- og støjemissionsniveau repræsenterer de væsentlige anvendelser af el-værktøjet. Hvis el-værktøjet dog anvendes til andre formål, med afvigende indsatsværktøj eller utilstrækkelig vedligeholdelse, kan svingnings- og støjemissionsniveauet afvige. Dette kan føre til en betydelig forøgelse af svingnings- og støjemissionen i hele arbejdstidsrummet.

Til en nøjagtig vurdering af svingnings- og støjemissionen bør der også tages højde for de tider, i hvilke værktøjet er slukket eller godt nok kører, men rent faktisk ikke anvendes. Dette kan føre til en betydelig reduktion af svingnings- og støjemissionsniveauet i hele arbejdstidsrummet.

Fastlæg ekstra sikkerhedsforanstaltninger til beskyttelse af brugeren mod svingningers virkning som f.eks.: Vedligeholdelse af el-værktøj og indsatsværktøj, holde hænder varme, organisation af arbejdsforløb.

Akku

Bosch sælger også akku-værktøjer uden akku. Om der følger en akku med din leverance fremgår af emballagen.

Opladning af akku

► **Brug kun de ladeaggregater, der fremgår af de tekniske data.** Kun disse ladeaggregater er afstemt i forhold til den Li-ion-akku, der bruges på dit el-værktøj.

Bemærk! Lithium-ion-akkuer udleveres delvis opladet på grund af internationale transportforskrifter. For at sikre at akkuen fungerer 100 %, skal du oplade akkuen helt i opladeren før første ibrugtagning.

Isætning af akku

Skub den opladede akku ind i akkuholderen, så den går hørbart i indgreb.

Udtagning af akku

Akkuen tages ud ved at trykke på akku-oplåsningsskappen og trække akkuen ud af el-værktøjet. **Undgå brug af vold.**

Akkuen har to låsetrin, der forhindrer, at den falder ud, hvis du skulle komme til at trykke på akku-udløserknappen ved et

uheld. Så længe akkuen sidder i el-værktøjet, holdes den i position af en fjeder.

Akku-ladetilstandsindikator

Bemærk! Ikke alle akku-typer er udstyret med ladetilstandsindikator.

De grønne lysdioder på akku-ladetilstandsindikatoren viser akkuens ladetilstand. Af sikkerhedsgrunde er det kun muligt at forespørge om ladetilstanden, når el-værktøjet er stands- et.

Tryk på tasten til ladetilstandsindikatoren  eller  for at få vist ladetilstanden. Dette er også muligt, når akkuen er taget ud.

Hvis ingen lysdioder lyser efter tryk på tasten til ladetilstandsindikatoren, er akkuen defekt og skal udskiftes.

Akku-type GBA 18V... | GBA18V...



LED	Kapacitet
Konstant lys 3 × grøn	60–100 %
Konstant lys 2 × grøn	30–60 %
Konstant lys 1 × grøn	5–30 %
Blinkende lys 1 × grøn	0–5 %

Akku-type ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Kapacitet
Konstant lys 5 × grøn	80–100 %
Konstant lys 4 × grøn	60–80 %
Konstant lys 3 × grøn	40–60 %
Konstant lys 2 × grøn	20–40 %
Konstant lys 1 × grøn	5–20 %
Blinkende lys 1 × grøn	0–5 %

Konstatering af akku-defektrisiko

EXPERT18V... | EXBA18V...

Akku-ladeindikatorernes LED'er kan ud over akkuens ladetilstand også vise, at der er risiko for akku-defekt.

Denne funktion aktiveres ved at holde ladeindikatorknappen  inde i 3 sekunder. Akku-ladeindikatoren markerer med skiftende lys, at akkuen bliver analyseret. Akku-ladeindikatoren viser herefter resultatet af analysen.

 **1 LED:** Akkuen har høj risiko for defekt. Effekt og batteritid kan allerede være reduceret. Det anbefales at udskifte akkuen.

 **5 LED'er:** Akkuen er i god stand med lav risiko for defekt.

Bemærk: Vurderingen af risikoen for akku-defekt har en trinns funktion og giver en forenklet tilstandsvurdering. Akku-

en vurderes enten som værende i god stand eller som havende øget defektrisiko. Der vises ingen procentsats, der angiver batteritilstanden.

Henvisninger til optimal håndtering af akkuen

Beskyt akkuen mod fugtighed og vand.

Opbevar kun akkuen i et temperaturområde fra -20 °C til 50 °C. Opbevar ikke akkuen i bilen f.eks. om sommeren.

Rengør akkuens ventilationsåbninger en gang imellem med en blød, ren og tør pensel.

Når driftstiden pr. opladning forkortes væsentligt, er det tegn på, at akkerne er slidt op og skal udskiftes.

Læs og overhold henvisningerne mht. bortskaffelse.

Montering

- **Tag akkuen ud af el-værktøjet, før du udfører arbejde på det (f.eks. vedligeholdelse, værktøjsskift, etc.).** Utsigtet aktivering af tænd/sluk-knappen er forbundet med kvæstelsesfare.
- **Læg altid el-værktøjet på siden, og stil det aldrig på akkuen.** Afhængigt af det anvendte indsatsværktøj og af akkuen kan el-værktøjet væltes.

Opfyldning af magasin (se billede A1–A2)

- **Fjern akkuen, før du foretager indstillinger, skifter tilbehørsdele eller lægger el-værktøjet fra dig.** Denne sikkerhedsforanstaltning forhindrer udsigtet start af el-værktøjet.

Brug kun originalt Bosch-tilbehør. Præcisionsdelene på el-værktøjet som f.eks. magasin, munding og skudkanal er afstemt efter klammer og søm fra **Bosch**. Andre fabrikanter benytter andre stål kvaliteter og dimensioner.

Bemærk! Brug kun de inddrivningsgenstande, som fremgår af tabellen "Tekniske data".

Hvis du anvender inddrivningsgenstande, som ikke er godkendt, kan el-værktøjet blive ødelagt, og du kan komme til skade.

Når du fylder magasinet op, skal du holde el-værktøjet, så munden (2) hverken er rettet mod din egen krop eller andre personer.

- Tryk på knappen (9) til åbning af magasinet. Magasinskyderen (10) kører ud.
- Læg en klammerække i den øverste del af magasinet (11), så klammespidserne peger opad.

Bemærk! En elektronisk overvågning registrerer, om der er klammer i magasinet. Hvis udløsesikringen trykkes ind mod tomt magasin, udløses der ikke nogen inddrivning. Dermed forhindres affyring i tom tilstand.

- Træk magasinskyderen (10) hen mod starten af magasinnet, indtil magasinskyderen går i indgreb.

Bemærk! Magasinskyderen skal kunne skubbes tilbage uden at bruge for mange kræfter (kun med fingerkraft). Hvis magasinskyderen går fast, har det følgende konsekvenser: Klammen skydes ikke ud, klammen bliver hængende i skud-

kanalen (se under "Fastklemning"), eller klammen skydes ud i en forkert vinkel.

Brug

- **Læg altid el-værktøjet på siden, og stil det aldrig på akkuen.** Afhængigt af det anvendte indsatsværktøj og af akkuen kan el-værktøjet væltes.

Udløsesystemer

Enkeltudløser med udløsesikring

Ved dette udløsesystem skal udløsesikringen (1) først sættes an mod emnet. En inddrivningsgenstand skydes først ud, hvis der trykkes på udløseren (4).

Derefter kan efterfølgende inddrivninger udløses, når udløseren (4) er sat tilbage til udgangspositionen, og udløsesikringen (1) er trykket helt ind.

Berøringsudløser

Ved dette udløsesystem skal udløseren (4) først trykkes ind og holdes i denne position. Derefter skal udløsesikringen (1) sættes fast an mod emnet, så inddrivningsgenstanden skydes ud. Så længe du holder udløseren (4) inde, kan inddrivningen fortsætte andre steder ved blot at sætte værktøjet an mod emnet.

Ibrugtagning

Tænd/sluk

El-værktøjet er klar til brug, når akkuen (7) er sat i.

Hæftning – enkeltudløser

- Sæt munden (2) fast mod emnet, indtil udløsesikringen (1) er presset helt ind. Arbejdslyset (3) tænder.
- Tryk derefter kort på udløseren (4), og slip den igen. I den forbindelse skydes der en klamme ud.
- For at fortsætte inddrivningen skal du løfte el-værktøjet helt fra emnet og sætte det an mod det sted, hvor du vil fortsætte. Alternativt kan du holde udløsesikringen (1) inde og trykke på udløseren (4) for at skyde endnu en klamme ud.

Hæftning – berøringsudløser

- Hold udløseren (4) inde. Arbejdslyset (3) tænder.
- Sæt munden (2) fast mod emnet, indtil udløsesikringen (1) er presset helt ind. I den forbindelse skydes der en klamme ud.
- Hvis du vil fortsætte inddrivningen, skal du holde udløseren (4) inde og løfte el-værktøjet helt fra emnet. Sæt det derefter an det næste sted for at fortsætte inddrivningen. I den forbindelse skydes der en ny klamme ud.

Bemærk: Vent altid, indtil klammerne er skudt helt ud, før du løfter el-værktøjet fra emnet.

Arbejdsvejledning

- **Tag akkuen ud af el-værktøjet, før du udfører arbejde på det (f.eks. vedligeholdelse, værktøjsskift, etc.).**

Utsigtet aktivering af tænd/sluk-knappen er forbundet med kvæstelsesfare.

Før du påbegynder arbejdet, skal du kontrollere, at sikkerheds- og udløseranordningerne fungerer problemfrit, og at alle skruer og møtrikker sidder godt fast.

Hvis el-værktøjet er defekt eller ikke virker problemfrit, skal du straks afbryde det fra strømforsyningen og kontakte en autoriseret Bosch-kundeserviceafdeling.

Foretag ikke uautoriserede ændringer på el-værktøjet. Afmonter eller bloker ikke nogen dele af el-værktøjet som for eksempel udløserikringen.

Foretag ikke "nødreparationer" med uegnede midler. El-værktøjet skal vedligeholdes regelmæssigt og korrekt.

Undgå at svække og beskadige el-værktøjet, f.eks. ved at:

- lave udstansninger eller graveringer,
- foretage ændringer, som ikke er godkendt af producenten,
- anvende skabeloner, som er fremstillet af hårdmetal som f.eks. stål
- lade det falde ned på gulvet eller skubbe det hen over jorden,
- bruge det som hammer,
- behandle det voldsomt.

Undersøg, hvad der befinder sig under eller bag emnet. Skyd ikke klammer i en væg, loft eller gulve, hvis der befinder sig mennesker på den anden side. Klammerne kan ryge igennem emnet og kvæste andre mennesker.

Skyd ikke en klamme ind oven i en eksisterende klamme. Klammen kan blive deformet og gå fast, eller el-værktøjet kan bevæge sig ukontrolleret.

Hvis el-værktøjet anvendes under kolde forhold, er inddrivningen af de første klammer langsommere end normalt. Når el-værktøjet er blevet varmt efter nogen tid, stiger arbejds-hastigheden til det normale niveau.

Affyr aldrig el-værktøjet med tomt magasin, da slagstemplet ellers slides for hårdt.

Tag akkuen ud af el-værktøjet, når du holder pauser, eller når arbejdet er slut, og tøm så vidt muligt magasinet. Placer el-værktøjet på en plan overflade, så kontaktelelementet ikke aktiveres.

Tømning af magasin (se billede B1-B2)

- Tryk på knappen (9) til åbning af magasinet. Magasinskyderen (10) kører ud.
- Drej el-værktøjet, så klammerækken (15) i magasinet (11) glider ud.
- Du lukker magasinet ved forsigtigt at føre magasinskyderen (10) fremad til starten af magasinet (11).

Indstilling af dybdeanslag (se billede C)

Klammernes inddrivningsdybde kan indstilles med indstillingshjulet (13).

Vedligeholdelse

Rengør magasinet (11). Fjern træspåner, som kan samle sig i magasinet under arbejdet. Rengør el-værktøjet vha. trykluft med regelmæssige mellemrum.

- Tøm magasinet (11).

- **Klammer indskydes for dybt:** Hvis du vil reducere inddrivningsdybden, skal du dreje indstillingshjulet (13) i

retningen .

- **Klammer indskydes ikke dybt nok:** Hvis du vil reducere inddrivningsdybden, skal du dreje indstillingshjulet (13) i

retningen .

Sørg for, at dybdeanslaget (12) ligger helt an mod emnet.

- Fyld magasinet op igen.
- Afprøv den nye inddrivningsdybde på et prøveemne. Gentag om nødvendigt arbejdsstrinene.

Løsning af fastsiddende klammer

Enkelte klammer kan gå fast i skudkanalen. Hvis det sker, skal du kontakte en autoriseret Bosch-kundeserviceafdeling.

- Slip udløseren (4).
- Tag batteriet (7) ud.
- Tryk på knappen (9) til åbning af magasinet.
- Drej el-værktøjet, så klammerækken (15) i magasinet (11) glider ud. Fjern den fastsiddende klamme. Brug om nødvendigt en tang.
- Fyld magasinet (11) op igen.
- Træk magasinskyderen (10) hen mod starten af magasinet, indtil magasinskyderen går i indgreb.

Transport og opbevaring

Tag akkuen ud af el-værktøjet før transport, især hvis du bruger stige eller bevæger dig med en uvant kropsholdning. Bær kun el-værktøjet i håndgrebet (5) uden at holde fingeren på udløseren (4).

Tag altid akkuen ud af el-værktøjet, før du stiller det til opbevaring, og opbevar det altid et tørt og varmt sted.

Hvis el-værktøjet ikke skal bruges i længere tid, skal du smøre værktøjsdele i stål med et tyndt lag olie. Det forhindrer rustdannelse.

Bælteskrog (se billede D)

Med bælteskroen (8) kan du hænge el-værktøjet fast i f.eks. et bælte. Derved har du begge hænder fri, og el-værktøjet er lige ved hånden.

Vedligeholdelse og service

Vedligeholdelse og rengøring

- **Tag akkuen ud af el-værktøjet, før du udfører arbejde på det (f.eks. vedligeholdelse, værktøjsskift, etc.).** Utsigtet aktivering af tænd/sluk-knappen er forbundet med kvæstelsesfare.
- **El-værktøj og ventilationsåbninger skal altid holdes rene for at sikre et godt og sikkert arbejde.**

Foranstaltning	Begrundelse	Udførelse
Rengør magasinet (11) og magasinskyderen (10) .	Forhindrer, at en klamme går fast.	– Blæs magasinet/magasinskyderens mekanisme ren med trykluft.
Sørg for, at udlørsikringen (1) fungerer korrekt.	Øger arbejdssikkerheden og sikrer en effektiv brug af el-værktøjet.	– Blæs udlørsikringens mekanisme ren med trykluft.

Afhjælpning af fejl

Problem	Årsag	Afhjælpning
El-værktøjet er ikke klar til drift.	Akkuen er ikke ladet op eller er defekt.	– Lad akkuen helt op, eller udskift den.
	Akkuen er ikke sat rigtigt i.	– Sørg for, akkuen er gået i indgreb i håndgrebet.
	Akkuen er for varm eller kold.	– Vent, indtil akkuen (igen) har nået den optimale driftstemperatur.
	Akku-kontakterne eller motoren er snavset eller defekt.	– Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
	Magasinet (11) er tomt.	– Fyld magasinet op igen. (se "Opfyldning af magasin (se billede A1–A2)", Side 10)
	Udlørsikringen (1) er bukket.	– Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
	Elektronikken er defekt.	– Kontakt en autoriseret Bosch-kundeserviceafdeling.
El-værktøjet er klar til drift, men der skydes ikke klammer ud.	Følgende komponenter kan være defekte:	– Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
	– Udløser (4)	
	– Slagstempel	
	– Motor eller gear	
	– Elektronik	
	Der har samlet sig fremmedlegemer i beskyttelsesmekanismen.	– Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
	Der har samlet sig fremmedlegemer i munden (2) eller magasinet (11) .	– Rengør munden (2) eller magasinet (11) .
	En klamme er gået fast i skudkanalen.	– Frigør sømmet. (se "Løsning af fastsidende klammer", Side 11)
Magasinskyderen (10) sidder fast eller er defekt.		– Rengør magasinskyderen (10) efter behov, og sørg for, at magasinet (11) ikke er snavset.
		– Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
	Fjederen i magasinskyderen er for svag eller defekt.	– Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
	De anvendte klammer er ikke godkendt.	– Brug kun originalt tilbehør. Der må kun bruges klammer, som er angivet i tabellen "Tekniske data".
	Magasinet (11) er tomt.	– Fyld magasinet op igen. (se "Opfyldning af magasin (se billede A1–A2)", Side 10)

Problem	Årsag	Afhjælpning
	Der blev trykket samtidig på udløseren (4) og udløasersikringen (1) .	Foretag en ny inddrivning, og vær i den forbindelse opmærksom på aktiveringsrækkefølgen.
Klammerne skydes for langt ind.	Dybdeanslaget (12) er indstillet for dybt. Dybdeanslaget (12) ligger ikke helt an mod emnet.	- Indstil dybdeanslaget (12) til den ønskede dybde. (se "Indstilling af dybdeanslag (se billede C)", Side 11) - Sørg for, at dybdeanslaget (12) ligger helt an mod emnet.
	Bufferen er slidt ned.	Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
Klammerne skydes ikke tilstrækkeligt langt ind.	Akkuen er ikke ladet op eller er defekt. De anvendte klammer er for lange.	- Lad akkuen helt op, eller udskift den. - Brug kun originalt tilbehør. Der må kun bruges klammer, som er angivet i tabellen "Tekniske data".
	Dybdeanslaget er indstillet for højt.	Indstil dybdeanslaget til den ønskede dybde. (se "Indstilling af dybdeanslag (se billede C)", Side 11)
	Trykket mod emnet er for lille.	Tryk hårdere mod emnet via el-værktøjet.
	Slagstemplet er defekt.	Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
El-værktøjet springer klammer over.	De anvendte klammer er ikke godkendt.	Brug kun originalt tilbehør. Der må kun bruges klammer, som er angivet i tabellen "Tekniske data".
	Fjederen i magasinskyderen er for svag eller defekt.	Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
Klammerne går ofte fast i skudkanalen.	De anvendte klammer er ikke godkendt.	- Brug kun originalt tilbehør. Der må kun bruges klammer, som er angivet i tabellen "Tekniske data". - Kontakt en autoriseret Bosch-kundeserviceafdeling.
	Klammerne er for gamle, og limen mellem klammerne kan ikke længere binde.	Brug en ny klammerække
De indskudte klammer er bøjeede.	Slagstemplet er beskadiget.	Kontakt en autoriseret Bosch-kundeserviceafdeling. Få udskiftet komponenten der.
	El-værktøjet anvendes til materiale, som det ikke er godkendt til (f.eks. beton, sten).	Brug kun el-værktøjet til materiale, som det er godkendt til. (se "Beregnet anvendelse", Side 8)

Kundeservice og anvendelsesrådgivning

Dansk

Tlf. Service Center: 44898855

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Bortskaffelse

El-værktøj, akku, tilbehør og emballage skal genbruges på en miljøvenlig måde.



Smid ikke el-værktøj og akkuer/batterier ud sammen med det almindelige husholdningsaffald!

Gælder kun i EU-lande:

Elektriske og elektroniske apparater eller brugte batterier, der ikke længere er brugbare, skal indsamles separat og bortskaffes på en miljøvenlig måde. Brug de angivne indsam-

lingssystemer. Forkert bortskaffelse kan være skadeligt for miljø og sundhed på grund af de indeholdte farlige stoffer.

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