



Professional HEAVY DUTY

GTH 18V-14

Robert Bosch Power Tools GmbH
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GERMANY

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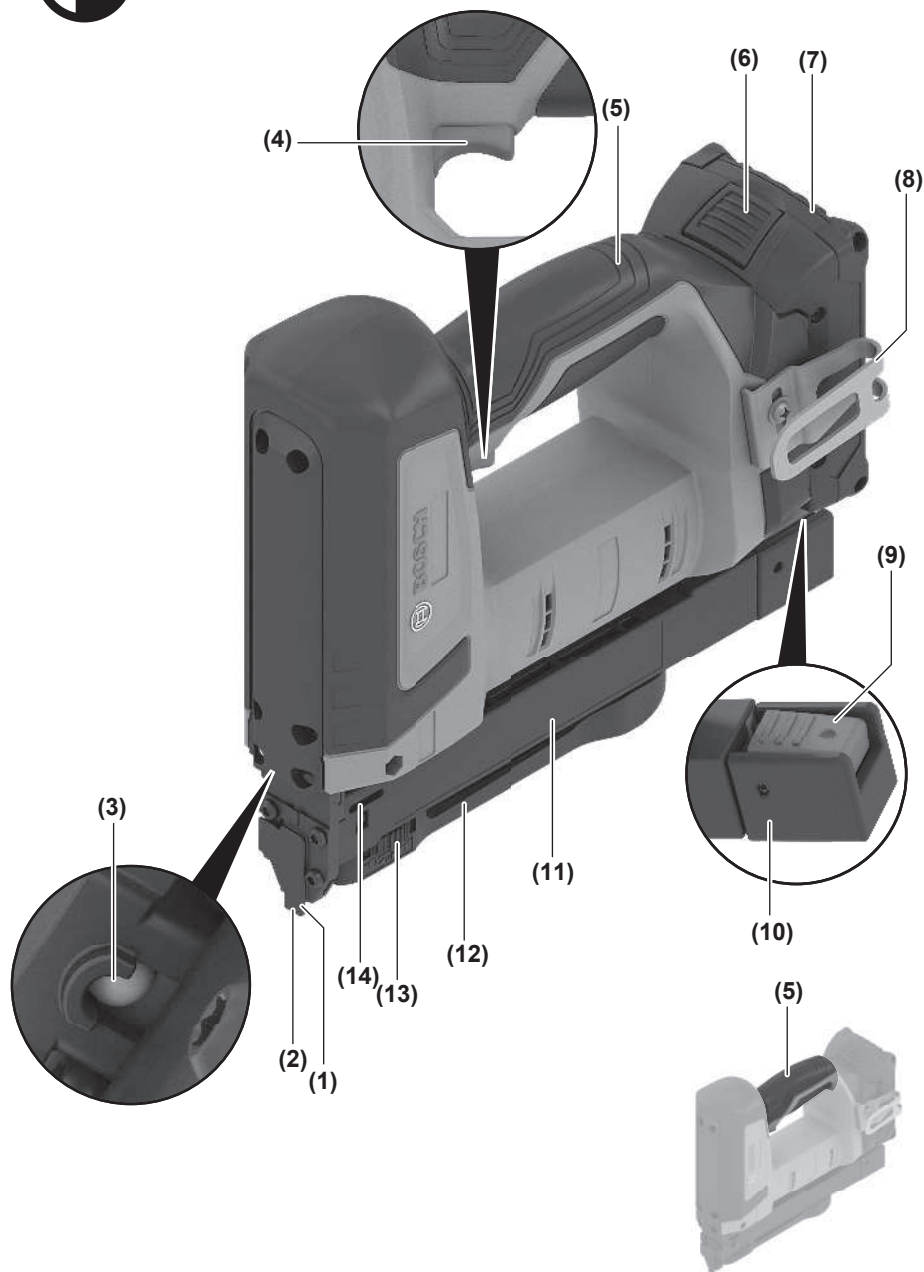


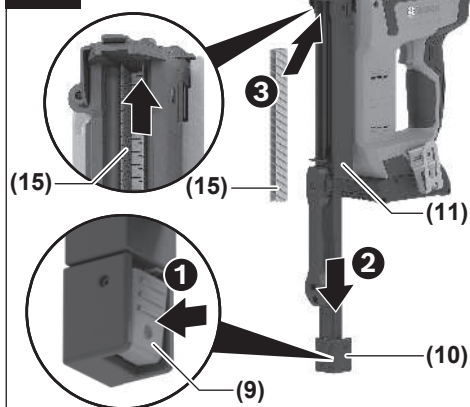
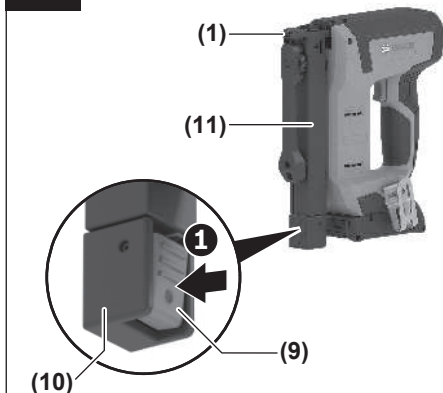
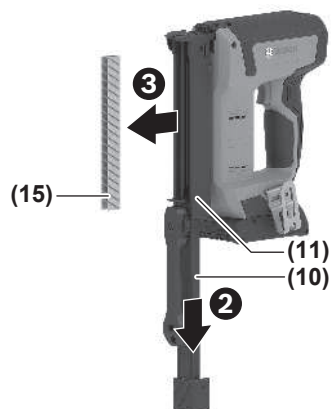
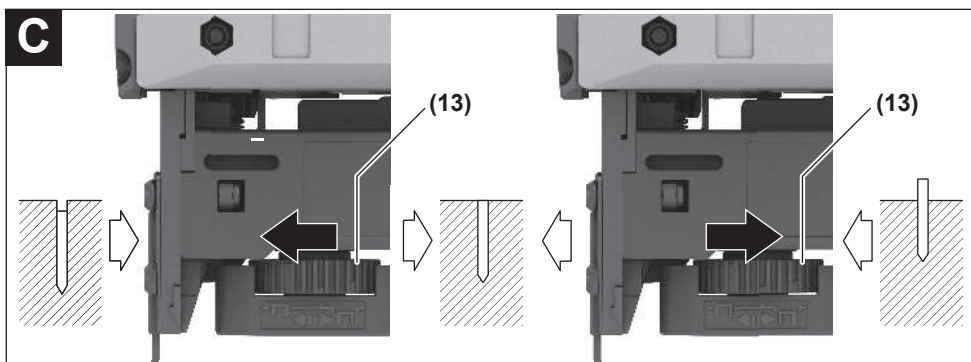
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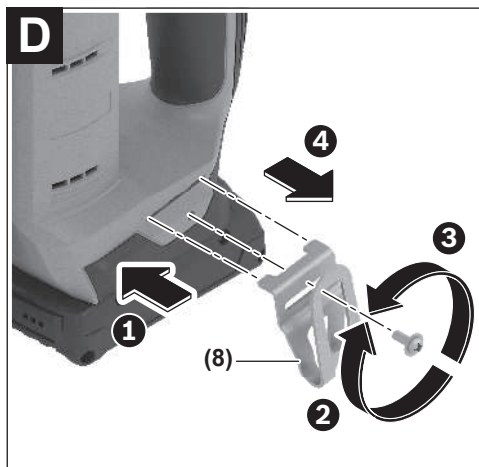


Svensk Sidan 6





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



Svensk

Säkerhetsanvisningar

Allmänna säkerhetsanvisningar för elverktyg

⚠ VARNING Läs alla säkerhetsvarningar, instruktioner och specifikationer som tillhandahålls med detta elverktyg. Fel som uppstår till följd av att instruktionerna nedan inte följts kan orsaka elstöt, brand och/eller allvarliga personskador.

Förvara alla varningar och anvisningar för framtida bruk.

Begreppet Elverktyg hänför sig till nätdrivna elverktyg (med nätsladd) och till batteridrivna elverktyg (sladdlösa).

Arbetsplats säkerhet

- ▶ **Håll ditt arbetsområde rent och väl upplyst.** Ostädade och mörka areor ökar olycksrisken.
- ▶ **Använd inte elverktyget i explosionsfarliga omgivning när det t.ex. finns brännbara vätskor, gaser eller damm.** Elverktygen alstrar gnistor som kan antända dammet eller gaserna.
- ▶ **Håll under arbetet med elverktyget barn och obehöriga personer på betryggande avstånd.** Om du störs av obehöriga personer kan du förlora kontrollen över elverktyget.

Elektrisk säkerhet

- ▶ **Skydda elverktyg mot regn och väta.** Tränger vatten in i ett elverktyg ökar risken för elstöt.

Personsäkerhet

- ▶ **Var uppmärksam, kontrollera vad du gör och använd elverktyget med förnuft.** Använd inte ett elverktyg när du är trött eller om du är påverkad av droger, alkohol eller mediciner. Under användning av elverktyg kan även en kort ouppmärksamhet leda till allvarliga kroppsskador.
- ▶ **Använd personlig skyddsutrustning.** Använd alltid skyddsglasögon. Användning av personlig skyddsutrustning, som t. ex. dammfiltermask, halkfria säkerhetsskor, skyddshjälm och hörselskydd, som är anpassade för användningsområdet, reducerar risken för kroppsskada.
- ▶ **Undvik oavsiktlig igångsättning.** Kontrollera att elverktyget är fränkopplat innan du ansluter stickproppen till vägguttaget och/eller ansluter/tar bort batteriet, tar upp eller bär elverktyget. Om du bär elverktyget med fingret på strömställaren eller ansluter påkopplat elverktyg till nätströmmen kan olycka uppstå.
- ▶ **Ta bort alla inställningsverktyg och skruvnycklar innan du startar elverktyget.** Ett verktyg eller en nyckel i en roterande komponent kan medföra kroppsskada.
- ▶ **Undvik onormala kroppsställningar.** Se till att du alltid står stadigt och håller balansen. I detta fall kan du lättare kontrollera elverktyget i oväntade situationer.

- ▶ **Bär lämpliga arbetskläder.** Bär inte löst hängande kläder eller smycken. Håll håret och kläderna borta från rörliga delar. Löst hängande kläder, långt hår och smycken kan dras in av roterande delar.
- ▶ **När elverktyg används med dammsugnings- och uppsamlingsutrustning, se till att dessa är rätt monterade och används på korrekt sätt.** Användning av dammsugning minskar de risker damm orsakar.
- ▶ **Låt inte vanan att ofta använda verktygen göra att du blir slarvig och ignorerar verktygets säkerhetsprinciper.** En vårdslös åtgärd kan leda till allvarlig personskada inom bråkdelen av en sekund.

Korrekt användning och hantering av elverktyg

- ▶ **Överbelasta inte elverktyget.** Använd rätt elverktyg för det jobb du tänker göra. Med ett lämpligt elverktyg kan du arbeta bättre och säkrare inom angivet effektområde.
- ▶ **Ett elverktyg med defekt strömställare får inte längre användas.** Ett elverktyg som inte kan kopplas in eller ur är farligt och måste repareras.
- ▶ **Dra stickproppen ur vägguttaget och/eller ta bort batteriet, om det kan tas ut ur elverktyget, innan inställningar utförs, tillbehörsdelar byts ut eller elverktyget lagras.** Denna skyddsåtgärd förhindrar oavsiktlig inkoppling av elverktyget.
- ▶ **Förvara elverktygen oåtkomliga för barn.** Låt elverktyget inte användas av personer som inte är förtrogna med dess användning eller inte läst denna anvisning. Elverktygen är farliga om de används av oerfarna personer.
- ▶ **Underhåll elverktyg och tillbehör omsorgsfullt.** Kontrollera att rörliga komponenter fungerar felfritt och inte kärvar, att komponenter inte brustit eller skadats och kontrollera orsaker som kan leda till att elverktygets funktioner påverkas menligt. Låt skadade delar repareras innan elverktyget tas i bruk. Många olyckor orsakas av dåligt skötta elverktyg.
- ▶ **Håll skärverktygen skarpa och rena.** Omsorgsfullt skötta skärverktyg med skarpa eggar kommer inte så lätt i kläm och går lättare att styra.
- ▶ **Använd elverktyget, tillbehör, insatsverktyg osv. enligt dessa anvisningar.** Ta hänsyn till arbetsvillkoren och arbetsmomenten. Om elverktyget används på ett sätt som det inte är avsett för kan farliga situationer uppstå.
- ▶ **Håll handtag och greppytor torra, rena och fria från olja och fett.** Hala handtag och greppytor ger ingen säker hantering och kontroll över verktyget i oväntade situationer.

Omsorgsfull hantering och användning av sladdlösa elverktyg

- ▶ **Ladda batterierna endast i de laddare som tillverkaren rekommenderat.** Om en laddare som är avsedd för en viss typ av batterier används för andra batterityper finns risk för brand.

- ▶ **Använd endast batterier som är avsedda för aktuellt elverktyg.** Används andra batterier finns risk för kroppsskada och brand.
- ▶ **Håll gem, mynt, nycklar, spikar, skruvar och andra små metallföremål på avstånd från reservbatterier för att undvika en bygling av kontaktarna.** En kortslutning av batteriets kontakter kan leda till brännskador eller brand.
- ▶ **Om batteriet används på fel sätt finns risk för att vätska rinner ur batteriet. Undvik kontakt med vätskan. Vid oavsiktlig kontakt spola med vatten. Om vätska kommer i kontakt med ögonen uppsök dessutom läkare.** Batterivätskan kan medföra hudirritation och brännskada.
- ▶ **Använd inte batteriet eller verktyg som är skadade eller modifierade.** Skadade eller modifierade batterier kan bete sig oväntat vilket leder till brand, explosion eller risk för personskador.
- ▶ **Exponera inte ett batteri eller verktyg för brand eller för hög temperatur.** Exponering för brand eller temperaturer över 130 °C kan leda till explosion.
- ▶ **Följ alla laddningsinstruktioner och ladda inte batteriet eller verktyget utanför det temperaturomfång som specificeras i instruktionerna.** En olämplig laddning eller en laddning vid en temperatur som ligger utanför det specificerade området kan skada batteriet och öka brandrisken.

Service

- ▶ **Låt endast kvalificerad fackpersonal reparera elverktyget och endast med originalreservdelar.** Detta garanterar att elverktygets säkerhet upprätthålls.
- ▶ **Utför aldrig service på skadade batterier.** Service på batterier får endast utföras av tillverkaren eller auktoriserade tjänsteleverantörer.

Säkerhetsanvisningar för häftpistolen

- ▶ **Utgå alltid ifrån att häftpistolen innehåller klamrar.** En vårdslös hantering av häftpistolen kan leda till att det oavsiktligt avlossas klamrar och att det uppstår personskador.
- ▶ **Koppla bort häftpistolen från kraftkällan när du sätter i och tar ur klamrar, gör justeringar eller byter tillbehör.** Häftpistolen kan aktiveras av misstag om den är ansluten till kraftkällan, vilket kan leda till personskada.
- ▶ **Var försiktig när du hanterar klamrar, speciellt när du sätter i och tar ur dem.** Klamrarna har vassa spetsar som kan leda till personskador.
- ▶ **Rikta inte verktyget mot dig själv eller någon annan i närheten.** Oavsiktlig avlossning utlöser en klammer, vilket kan leda till personskador.
- ▶ **Håll fingrarna borta från avtryckaren när häftpistolen inte används och när du förflyttar dig från en arbetsposition till en annan.** Oavsiktlig aktivering kommer att avfyra en klammer, vilket kan leda till personskada.
- ▶ **Håll häftpistolen i de isolerade gripytorna när du utför ett arbete där skärillbehören kan komma i kontakt med dolda kablar.** Vid kontakt med en strömförande ledning kan oskyddade metalldelar på verktyget som är strömförande ge operatören en elektrisk stöt.
- ▶ **Håll häftpistolen med ett stadigt grepp under användning.** Okontrollerad rekyl av häftpistolen kan leda till oavsiktlig aktivering, vilket kan leda till personskador.
- ▶ **Håll alla kroppsdelar, som händer och ben etcetera, borta från häftpistolens avfyrningsriktning.** Klammern kan penetrera arbetsstycket såväl som föremål bakom det, vilket kan leda till personskador.
- ▶ **När häftpistolen används, håll alla kroppsdelar, som händer och ben etcetera, borta från området där klamrarna slås in i arbetsstycket.** Klammern kan böjas och lämna arbetsstycket, vilket kan leda till personskador.
- ▶ **Aktivera inte häftpistolen såvida det inte är placerat fast mot arbetsstycket.** Om häftpistolen inte är i kontakt med arbetsstycket kan klammern vika av bort från arbetsstycket, vilket kan leda till personskador.
- ▶ **Använd inte denna häftapparat för att fästa elkablar.** Den är inte konstruerad för installation av elkablar och kan skada isoleringen hos elkablar och därmed förorsaka elektriska stötar och bränder.
- ▶ **Koppla bort häftpistolen från kraftkällan om klammern fastnar i verktyget.** När du tar bort en klammer som fastnat kan häftpistolen aktiveras av misstag om den är ansluten till kraftkällan, vilket kan leda till personskador.
- ▶ **Var försiktig vid borttagningen av en klammer som fastnat.** Mekanismen kan vara under kompression och klammern kan avfyra kraftfullt, vilket kan leda till personskador.
- ▶ **Använd lämpliga detektorer för att lokalisera dolda försörjningsledningar eller konsultera det lokala eldistributionsbolaget.** Kontakt med elledning kan orsaka brand och elstöt. En skadad gasledning kan leda till explosion. Borring i vattenledning kan förorsaka sakskador.
- ▶ **Vid skador och felaktig användning av batteriet kan ångor träda ut. Batteriet kan börja brinna eller explodera.** Tillför friskluft och kontakta läkare vid besvär. Ångorna kan leda till irritation i andningsvägarna.
- ▶ **Batteriet får inte öppnas eller ändras.** Detta kan leda till kortslutning.
- ▶ **Batteriet kan skadas av vassa föremål som t.ex. spikar eller skruvmejslar eller på grund av yttre påverkan.** En intern kortslutning kan uppstå och rök, explosion eller överhettning kan förekomma hos batteriet.
- ▶ **Använd endast batteriet i produkter från tillverkaren.** Detta skyddar batteriet mot farlig överbelastning.



Skydda batteriet mot hög värme som t. ex. längre solbestrålning, eld, smuts, vatten och fukt.
Explosions- och kortslutningsrisk.

Symboler och deras betydelse

Beakta symbolerna nedan som kan vara viktiga för elverktygets användning. Lägg på minne symbolerna och deras betydelse. Korrekt tolkning av symbolerna hjälper till att bättre och säkrare använda elverktyget.

Symboler och deras betydelse



Bär hörselskydd. Risk finns för att buller leder till hörselskada.



Bär skyddsglasögon.

Produkt- och prestandabeskrivning

Ändamålsenlig användning

Elverktyget är avsett för indrivning av klamrar i trä. Endast spikar, klamrar osv som är specificerade i tabellen "Teknisk information" får användas.

Observera: elverktyget är inte avsett för indrivning av klamrar i metall eller betong.

Komponenter på bilden

Numereringen av de avbildade komponenterna refererar till framställningen av elverktyget på grafiksidan.

- (1) Utlösarsäkring
- (2) Mynning
- (3) Arbetsljus
- (4) Avtryckare
- (5) Handtag (isolerad greppyta)
- (6) Batteri-upplåsningsknapp
- (7) Batteri
- (8) Bälteskrok
- (9) Brytare för att öppna magasinet
- (10) Magasinförskjutare
- (11) Magasin
- (12) Djupanslag
- (13) Reglage för djupanslag
- (14) Siktfinster för påfyllningsindikering
- (15) Klammerremsa^{a)}

a) Dessa tillbehör ingår inte i standard leveransen.

Tekniska data

Sladdlös häftpistol	GTH 18V-14	
Artikelnummer		3 601 D82 8..
Märkspänning	V =	18
Utlösarsystem		

Sladdlös häftpistol	GTH 18V-14	
– Enskild utlösare med utlösarsäkring		●
– Kontaktutlösning		●
Indrivningsmaterial		
– Typ		Plattråds- klammer Bosch Typ 57
– Ryggens bredd	mm	10,6
– Längd	mm	6–14
– Tjocklek	mm	1,25
– Vinkel		0°
Max. magasinkapacitet		100
Mått (utan batteri)		
– Höjd	mm	223
– Bredd	mm	81
– Längd med kontaktelement	mm	247
Vikt ^{A)}	kg	1,8
Rekommenderad omgivningstemperatur vid laddning	°C	0 ... +35
Tillåten omgivningstemperatur vid drift ^{B)} och vid förvaring	°C	–20 ... +50
Kompatibla batterier		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Rekommenderade batterier för full effekt		GBA 18V... ≥ 2,0 Ah
Rekommenderade laddare		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

A) Utan batteri (du hittar batteriets vikt under www.bosch-professional.com)

B) begränsad effekt vid temperaturer < 0 °C

Värdena kan variera beroende på produkt och är beroende av användnings- och omgivningsvillkor. Mer information finns på www.bosch-professional.com/wac.

Buller-/vibrationsdata

Bullervärden fastställda enligt **EN IEC 62841-2-16**.

Den A-klassade bullernivån hos elverktyget ligger typiskt på: bullertrycknivå **87** dB(A); bullernivå **97** dB(A). Osäkerhet K = 3 dB.

Bär hörselskydd!

Vibrationsvärde a_h (kontinuerliga vibrationer), p_f (uppregade stötvibrationer) och osäkerhet K har fastställts i enlighet med **EN IEC 62841-2-16**:

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

Den vibrationsnivå och det bullervärde som anges i dessa anvisningar har uppmätts enligt en mätmetod som normerats och kan användas för att jämföra elverktyg med varandra. Mätmetoden är även lämplig för preliminär bedömning av vibrations- och bullernivån.

Den angivna vibrations- och bullernivån representerar den huvudsakliga användningen av elverktyget. Om däremot elverktyget används för andra ändamål, med andra insatsverktyg eller inte underhållits ordentligt kan vibrations- och bullernivån avvika. Då kan vibrations- och bullernivån under arbetsperioden öka betydligt under hela arbetstiden.

För en exakt bedömning av vibrations- och bullernivån bör även de tider beaktas när elverktyget är avstängt eller är igång, men inte används. Detta reducerar vibrations- och bullerbelastningen för den totala arbetsperioden betydligt.

Bestäm extra säkerhetsåtgärder för att skydda operatören mot vibrationernas inverkan t.ex.: underhåll av elverktyget och insatsverktygen, att hålla händerna varma, organisation av arbetsförloppen.

Batteri

Bosch säljer batteridrivna elverktyg även utan batteri. Om det ingår ett batteri i leveransen av ditt elverktyg kan du se på förpackningen.

Ladda batteriet

► Använd endast de laddare som anges i tekniska data.

Endast denna typ av laddare är anpassad till det litiumjonbatteri som används i elverktyget.

Observera: litiumjonbatterier levereras delvis laddade enligt internationella transportföreskrifter. För full effekt ska batteriet laddas helt innan första användningen.

Sätta in batteriet

Skjut in det laddade batteriet i batterihållaren tills det sitter fast.

Borttagning av batteri

För att ta ut batteriet, tryck på upplåsningsknappen och dra ut batteriet. **Bruka inte våld.**

Batteriet är försedd med två låssteg som hindrar ackumulatören från att falla ut om dess upplåsningsknapp faller ut. När batteriet är insatt i elverktyget hålls det med en fjäder i rätt läge.

Indikering batteristatus

Observera: Inte varje batterityp har en laddningsindikation. De tre gröna LED-lamporna på indikeringen för batteristatus visar batteriets laddningsnivå. Av säkerhetsskäl kan man endast kontrollera batteristatus när elverktyget är stilla.

Tryck på knappen för indikering av batteristatus  eller , för att visa batteriets laddningsnivå. Detta är möjligt även då batteriet är uttaget.

Om ingen LED-lampa lyser efter ett tryck på knappen för batteristatus är batteriet defekt och måste bytas ut.

Batterityp GBA 18V... | GBA18V...



LED	Kapacitet
Fast ljus 3 × grönt	60–100 %
Fast ljus 2 × grönt	30–60 %
Fast ljus 1 × grönt	5–30 %
Blinkande ljus 1 × grönt	0–5 %

Batterityp ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Kapacitet
Fast ljus 5 × grönt	80–100 %
Fast ljus 4 × grönt	60–80 %
Fast ljus 3 × grönt	40–60 %
Fast ljus 2 × grönt	20–40 %
Fast ljus 1 × grönt	5–20 %
Blinkande ljus 1 × grönt	0–5 %

Detektering av risk för defekt batteri

EXPERT18V... | EXBA18V...

LED-lamporna i batteriets laddningsstatusindikator kan utöver batteriets laddningsstatus indikera risken för ett defekt batteri.

För att aktivera funktionen, håll knappen för laddningsstatusindikator  intryckt i tre sekunder.

Analysen av batteriet signaleras med ett löpande ljus på batteriets laddningsnivåindikator. Resultatet visas på indikatorn för batteriets laddningsnivå.

 **1 LED:** Batteriet har en hög risk för defekt.

Prestanda och drifttid kan redan ha minskat. Vi rekommenderar att du byter ut batteriet.

 **5 LED:er:** Batteriet är i gott skick med låg risk för defekter.

Observera: Bedömningen av risk för defekt batteri sker i två steg och ger en förenklad bedömning av skicket. Batteriet bedöms antingen vara i gott skick eller har en ökad risk för defekter. Ingen procentandel av batteristatusen visas.

Anvisningar för korrekt hantering av batterimodulen

Skydda batterimodulen mot fukt och vatten.

Batteriet får endast lagras inom ett temperaturområde mellan -20 °C till 50 °C. Låt därför inte batterimodulen t. ex. på sommaren ligga kvar i bilen.

Rengör vid tillfälle batterimodulens ventilationsöppningar med en mjuk, ren och torr pensel.

Är brukstiden efter uppladdning onormalt kort tyder det på att batterierna är förbrukade och måste bytas mot nya.

Beakta anvisningarna för avfallshantering.

Montering

- **Ta ut batteriet ur elverkytet innan alla arbeten på det (t.ex. underhåll, verktygsbyte, osv.).** Om strömbrytaren oavsiktligt påverkas finns risk för personskada.
- **Lägg alltid elverkytet på sidan och ställ det inte på batteriet.** Beroende på valt insatsverktyg och batteri kan elverkytet välta.

Fylla på magasinet (se bild A1–A2)

- **Ta bort batteriet innan du gör inställningar på apparaten, byter tillbehörsdelar eller lägger undan elverkytet.** Denna skyddsåtgärd förhindrar oavsiktlig start av elverkytet.

Använd endast original Bosch-tillbehör. Elverkytets precisionsdelar, som magasin, mynning och kanal är anpassade till **klamrar, spikar och stift från Bosch**. Andra tillverkare använder andra stålkaliteter och dimensioner.

Observera: använd endast indrivningsmaterial som specificeras i tabellen "Tekniska data".

Användning av otillåtet material kan skada elverkytet och orsaka personskador.

Medan du fyller på magasinet, håll elverkytet så att mynningen (2) inte är riktad mot dig eller någon annan.

- Tryck på brytaren (9) för att öppna magasinet. Magasinförskjutaren (10) kör ut.
- Lägg i en klammerremsa med spetsarna uppåt i den övre delen av magasinet (11).

Observera: en elektronisk sensor känner av om det finns klamrar i magasinet. Om utlösningssäkringens trycks in vid tomt magasin utlöser ingen indrivning. Därmed förhindras tomma skott.

- Dra magasinförskjutaren (10) i början av magasinet tills magasinförskjutaren klickar fast.

Observera: magasinförskjutaren måste kunna skjutas tillbaka utan stor kraft (för hand). En magasinförskjutare som sitter fast kan orsaka följande: klamrarna skjuts inte ut, utan fastnar i skjutningskanalen (se blockering) eller klamrarna skjuts ut i fel vinkel.

Drift

- **Lägg alltid elverkytet på sidan och ställ det inte på batteriet.** Beroende på valt insatsverktyg och batteri kan elverkytet välta.

Utlösarsystem

Enskild utlösare med utlösarsäkring

Vid detta utlösarsystem måste utlösarsäkringen (1) först sättas fast mot arbetsstycket. Ett skott utlöses först när du trycker på avtryckaren (4).

Därefter kan du skjuta igen först när avtryckaren (4) är i utgångsläge och utlösarsäkringen (1) är helt intryckt igen.

Kontaktutlösning

Vid detta utlösarsystem måste först avtryckaren (4) tryckas in och hållas kvar. Därefter måste utlösarsäkringen (1) hållas fast mot materialet för att skjuta ut indrivningsmaterialet. Så länge avtryckaren (4) är intryckt kan flera skott lossas genom att utlösarsäkringen sätts fast mot ett annat ställe.

Första användningen

Slå på/stänga av

Elverkytet är klart för användning när batteriet (7) har satts i.

Häftning – enskild utlösning

- Placera mynningen (2) på arbetsstycket tills utlösarsäkringen (1) är helt intryckt. Arbetsluset (3) tänds.
- Tryck därefter kort på utlösaren (4) och släpp den igen. En klammer skjuts ut.
- För att skjuta igen, lyft elverkytet helt från arbetsstycket och placera det stadigt på nästa önskade position. Alternativt kan du hålla ned utlösarsäkringen (1) och trycka på avtryckaren (4) för att frigöra ett nytt klammer.

Häftning – kontaktutlösning

- Håll avtryckaren (4) intryckt. Arbetsluset (3) tänds.
- Placera mynningen (2) på arbetsstycket tills utlösarsäkringen (1) är helt intryckt. En klammer skjuts ut.
- För att skjuta igen håller du avtryckaren (4) intryckt och lyfter av elverkytet helt från arbetsstycket. Sätt den fast mot nästa önskade ställe. Då skjuts fler klamrar ut.

Observera: Vänta alltid tills klamret har släppts helt innan du lyfter elverkytet från arbetsstycket.

Arbetsanvisningar

- **Ta ut batteriet ur elverkytet innan alla arbeten på det (t.ex. underhåll, verktygsbyte, osv.).** Om strömbrytaren oavsiktligt påverkas finns risk för personskada.

Kontrollera innan varje arbetstillfälle att säkerhets- och utlösaranordningarna fungerar felfritt och att alla skruvar och muttrar sitter fast.

Koppla från elverkytet omedelbart om det inte fungerar felfritt eller är defekt och kontakta en auktoriserad Bosch kundtjänst.

Utför inga egna ändringar på elverktyget. Demontera eller blockera inga delar av elverktyget, som t. ex. utlösarsäkringen.

Utför inga "nödreparationer" med olämpliga hjälpmedel. Fackmässigt underhåll ska utföras regelbundet på elverktyget.

Undvik försämringar och skador på elverktyget, t. ex. på grund av:

- Slag eller ingraveringar
- Ändringar som inte godkänts av tillverkaren
- Användning på mallar som består av hårt material, t. ex. stål
- Fall eller förskjutning över golvet
- Användning som hammare
- Alla typer av våld.

Kontrollera vad som finns under eller bakom ditt arbetsstycke. Skjut inte in klamrar i väggar, tak eller golv om någon befinner sig på andra sidan. Klamrarna kan gå igenom materialet och orsaka personskador.

Skjut inte någon klammer på en klammer som redan drivits in. Då kan klamrarna deformeras, fastna eller elverktyget kan börja röra sig okontrollerat.

Om elverktyget används i en kall omgivning drivs de första klamrarna in långsammare än vanligt. Efter att elverktyget har värmts upp under arbetet kommer den att arbeta i normal arbetstakt.

Undvik tomskott för att reducera slagstämpelns slitage.

Ta ut batteriet ur elverktyget under längre raster eller vid arbetets slut och töm magasinet om möjligt. Placera elverktyget på en plan yta så att kontaktelelementet inte aktiveras.

Tömma magasinet (se bild B1–B2)

- Tryck på brytaren (9) för att öppna magasinet. Magasinförskjutaren (10) kör ut.
- Vrid elverktyget så att klammerremsan (15) i magasinet (11) glider ut.
- För att stänga magasinet, för magasinförskjutaren (10) försiktigt framåt till början av magasinet (11).

Ställa in djupanslag (se bild C)

Klamrarnas inslagsdjup kan ställas in med reglaget (13).

- Töm magasinet (11).
- **Klamrarna skjuts in för djupt:** För att minska djupet, vrid reglaget (13) i riktningen .

Underhållsschema

Rengör magasinet (11). Ta bort träspån som samlas i magasinet under arbetet. Renblås elverktyget med tryckluft i regelbundna intervaller.

Åtgärd	Orsak	Utförande
Rengör magasinet (11) och magasinförskjutaren (10).	Förhindrar att en klammer fastnar.	– Renblås magasinets/magasinförskjutarens mekanism med tryckluft.

- **Klamrarna skjuts inte in tillräckligt djupt:** För att öka djupet, vrid reglaget (13) i riktningen .
- Kontrollera att djupanslaget (12) sitter helt fast på arbetsstycket.
- Fyll på magasinet igen.
 - Testa det nya anslagsdjupet på en provbit.
 - Upprepa stegen vid behov.

Lösa blockeringar

Enskilda klammer kan fastna i kanalen. Om detta problem uppstår ofta, kontakta en auktoriserad Bosch kundtjänst.

- Släpp avtryckaren (4).
- Ta ut batteriet (7).
- Tryck på brytaren (9) för att öppna magasinet.
- Vrid elverktyget så att klammerremsan (15) i magasinet (11) glider ut. Ta bort den fastnade klammern. Använd en tång vid behov.
- Fyll på magasinet (11) igen.
- Dra magasinförskjutaren (10) i början av magasinet tills magasinförskjutaren klickar fast.

Transport och förvaring

Ta bort batteriet från elverktyget vid transport, särskilt om du använder stege eller rör dig i en ovan kroppsställning.

Bär endast elverktyget i handtaget (5) utan att trycka in avtryckaren (4).

Förvara elverktyget separat från batteriet och på en torr, varm plats.

Om elverktyget inte ska användas under en längre period, pensla ett tunt lager olja på verktygsdelarna i stål. Detta förhindrar rost.

Bälteskrok (se bild D)

Med bälteskroken (8) kan du hänga elverktyget exempelvis i ett bälte. Vid upphängt elverktyg är båda händerna lediga och elverktyget är alltid till hands.

Underhåll och service

Underhåll och rengöring

- **Ta ut batteriet ur elverktyget innan alla arbeten på det (t.ex. underhåll, verktygsbyte, osv.).** Om strömbrytaren oavsiktligt påverkas finns risk för personskada.
- **Håll elverktyget och dess ventilationsöppningar rena för bra och säkert arbete.**

Åtgärd	Orsak	Utförande
Kontrollera att utlösarsäkring (1) fungerar som den ska.	Det ökar arbetssäkerheten och gör elverktyget effektivt.	– Renblås utlösarsäkringens mekanism med tryckluft.

Störningsåtgärder

Problem	Orsak	Åtgärd
Elverktyget är inte redo för drift.	Batteriet är inte laddat eller är defekt.	– Ladda batteriet helt eller byt ut det.
	Batteriet är inte korrekt isatt.	– Kontrollera att batteriet sitter fast i handtaget.
	Batteriets temperatur är för hög eller för låg.	– Vänta tills batteriet återfår optimal driftstemperatur.
	Batterikontakter eller motor är smutsiga eller defekta.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Magasinet (11) är tomt.	– Fyll på magasinet igen. (se „Fylla på magasinet (se bild A1–A2)“, Sidan 10)
	Utlösarsäkring (1) är böjd.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Elsystemet är defekt.	– Kontakta en auktoriserad Bosch-kundtjänst.
Elverktyget är redo för drift, men inga klamrar skjuts ut.	Potentiell defekt hos följande komponenter: – Avtryckare (4) – Slagstämpel – Motor eller växellåda – Elsystem	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Främmande partiklar har samlats i skjutmekanismen.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Främmande partiklar har samlats i mynningen (2) eller i magasinet (11).	– Rengör mynningen (2) eller magasinet (11).
	En klammer har fastnat i kanalen.	– Lossa spiken. (se „Lossa blockeringar“, Sidan 11)
	Magasinförskjutaren (10) har fastnat eller är defekt.	– Rengör magasinförskjutaren (10) vid behov och se till att magasinet (11) inte är smutsigt.
		– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Magasinförskjutarens fjäder är för svag eller defekt.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	De klammer som används är otillåtna.	– Använd endast originaltillbehör. Endast de klammer som anges i tabellen "Teknisk information" får användas.
	Magasinet (11) är tomt.	– Fyll på magasinet igen. (se „Fylla på magasinet (se bild A1–A2)“, Sidan 10)

Problem	Orsak	Åtgärd
	Avtryckaren (4) och utlösarsäkringen (1) används samtidigt.	– Utför indrivningen på nytt och beakta ordningsföljden.
Klamrarna skjuts för långt in.	Djupanslaget (12) är för djupt inställt. Djupanslaget (12) vilar inte helt på arbetsstycket.	– Ställ in djupanslaget (12) till önskat djup. (se „Ställa in djupanslag (se bild C)”, Sidan 11) – Kontrollera att djupanslaget (12) vilar helt fast på arbetsstycket.
	Bufferten är försliten.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
Klamrarna skjuts inte in tillräckligt djupt.	Batteriet är inte laddat eller är defekt. De klammer som används är för långa.	– Ladda batteriet helt eller byt ut det. – Använd endast originaltillbehör. Endast de klammer som anges i tabellen "Teknisk information" får användas.
	Djupanslaget är för högt inställt.	– Ställ in djupanslaget till önskat djup. (se „Ställa in djupanslag (se bild C)”, Sidan 11)
	Trycket mot arbetsstycket är för lågt.	– Tryck hårdare på arbetsstycket med hjälp av elverktyget.
	Slagstämpeln är defekt.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
Elverktyget hoppar över klamrar.	De klammer som används är otillåtna.	– Använd endast originaltillbehör. Endast de klammer som anges i tabellen "Teknisk information" får användas.
	Magasinförskjutarens fjäder är för svag eller defekt.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
Klamrarna fastnar ofta i kanalen.	De klammer som används är otillåtna.	– Använd endast originaltillbehör. Endast de klammer som anges i tabellen "Teknisk information" får användas.
		– Kontakta en auktoriserad Bosch-kundtjänst.
	Klamrarna är föråldrade, limmet mellan dem häftar inte längre fast.	– Använd en ny klammerremsa
Klamrarna som skjuts in är böjda.	Slagstämpeln är skadad.	– Kontakta en auktoriserad Bosch-kundtjänst. Låt dem byta ut komponenten.
	Elverktyget används i ett olämpligt material (t.ex. betong, sten).	– Använd endast elverktyget för lämpligt material. (se „Ändamålsenlig användning”, Sidan 8)

Kundtjänst och applikationsrådgivning

Svenska

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Släng inte elverktyg och inte heller batterier i hushållsavfall!



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